

FIG. 1
(PRIOR ART)

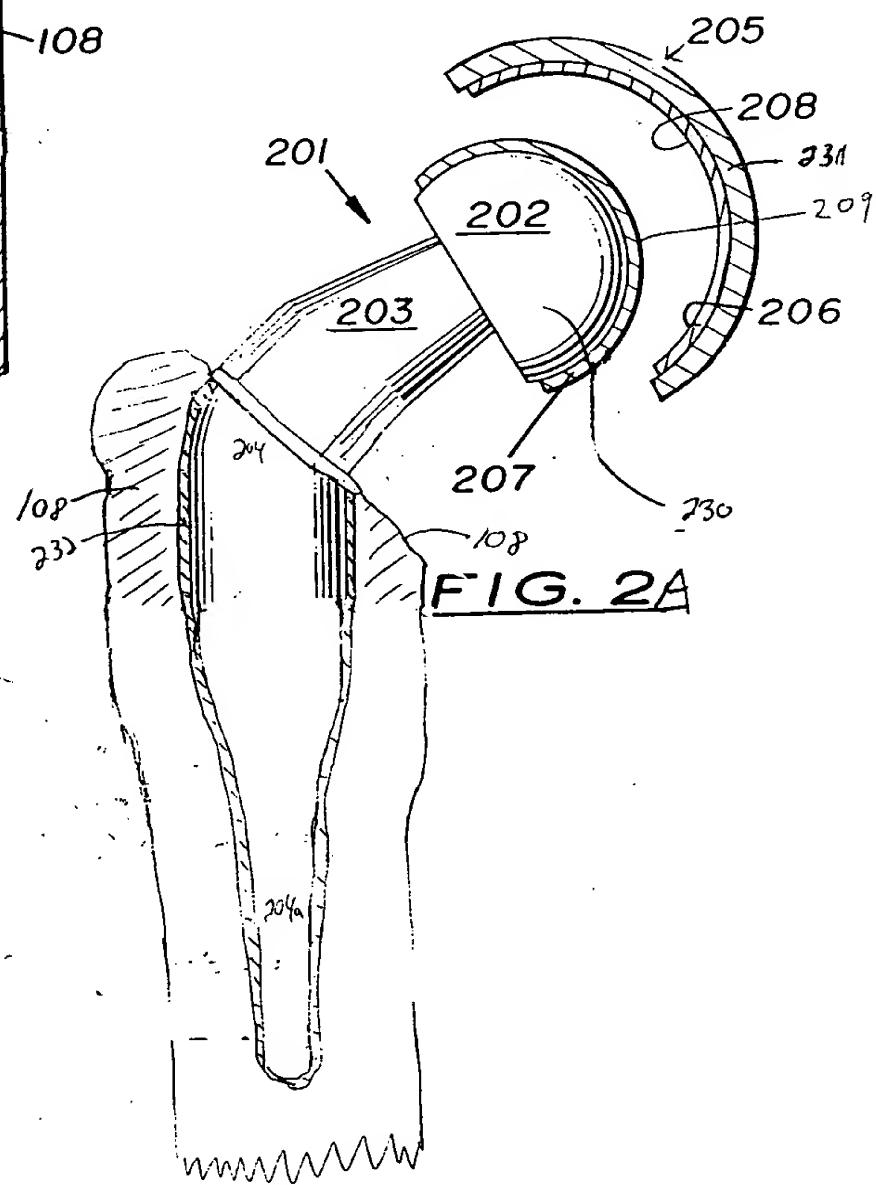
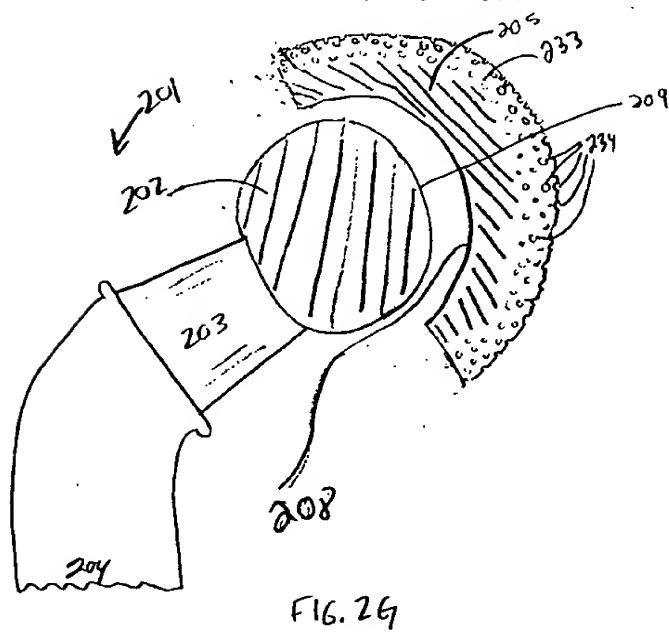
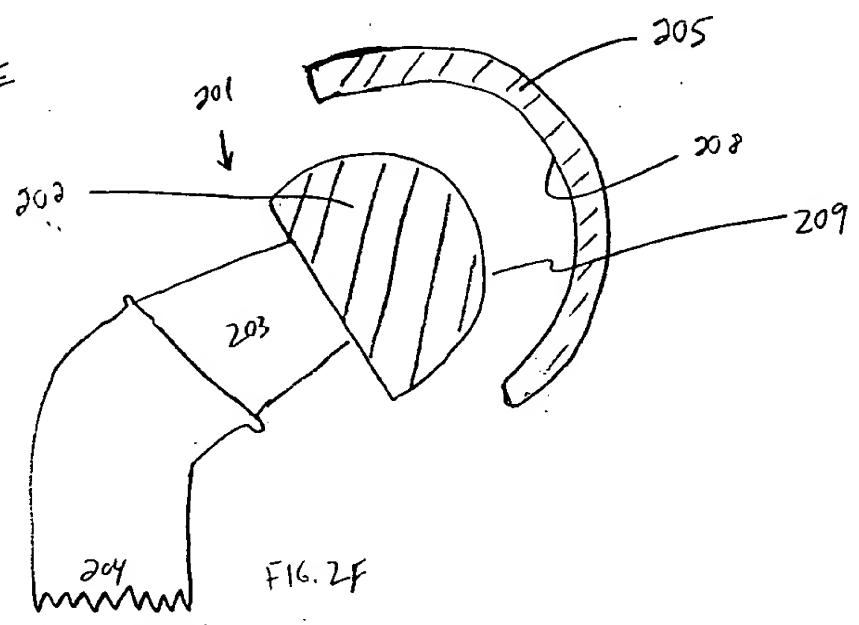
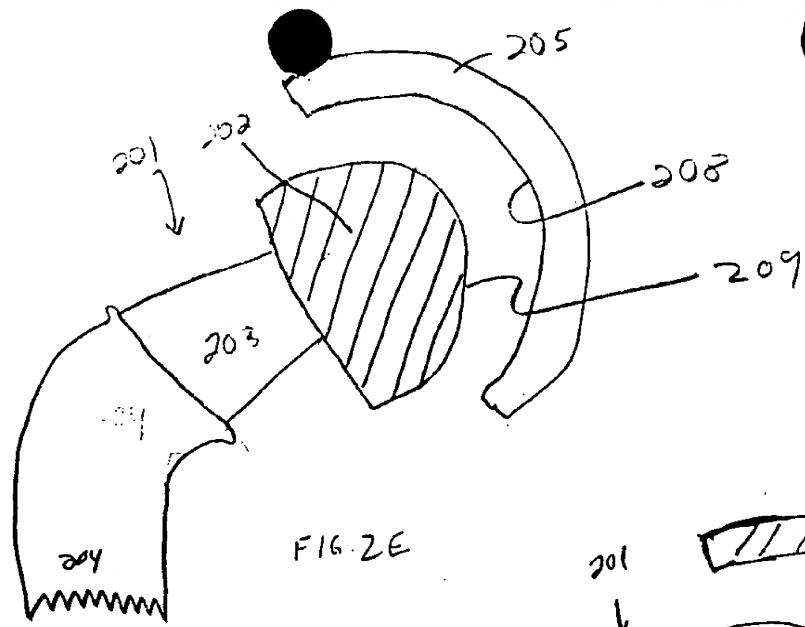


FIG. 2A



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FIG. 24

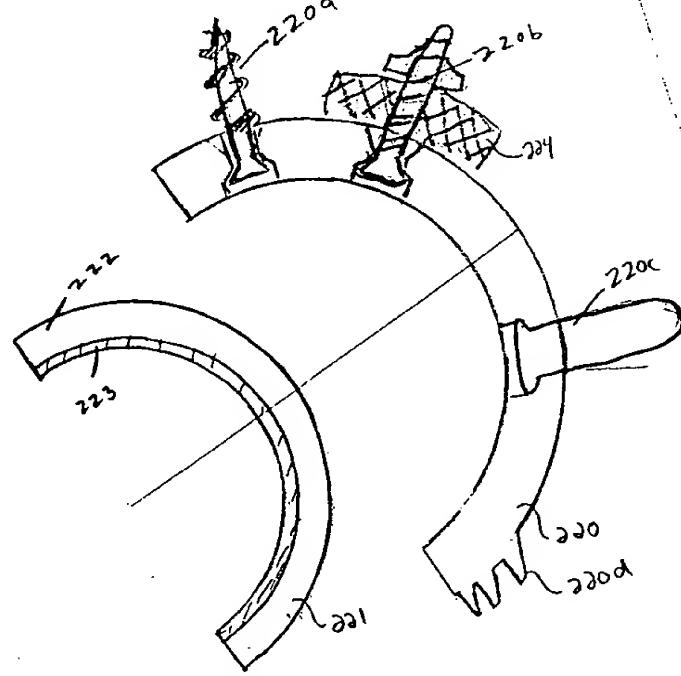
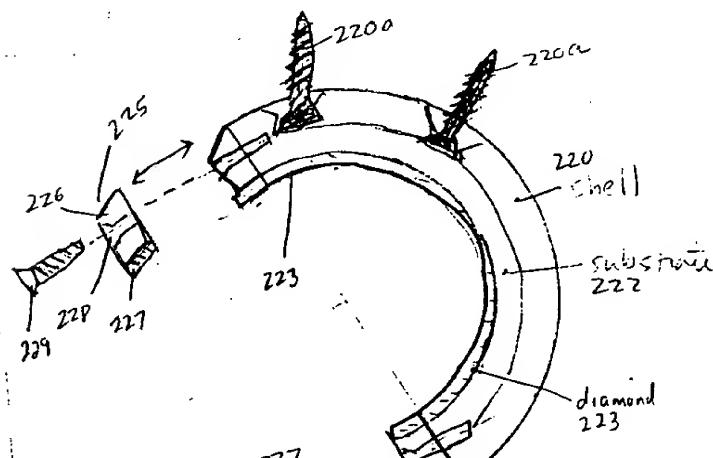
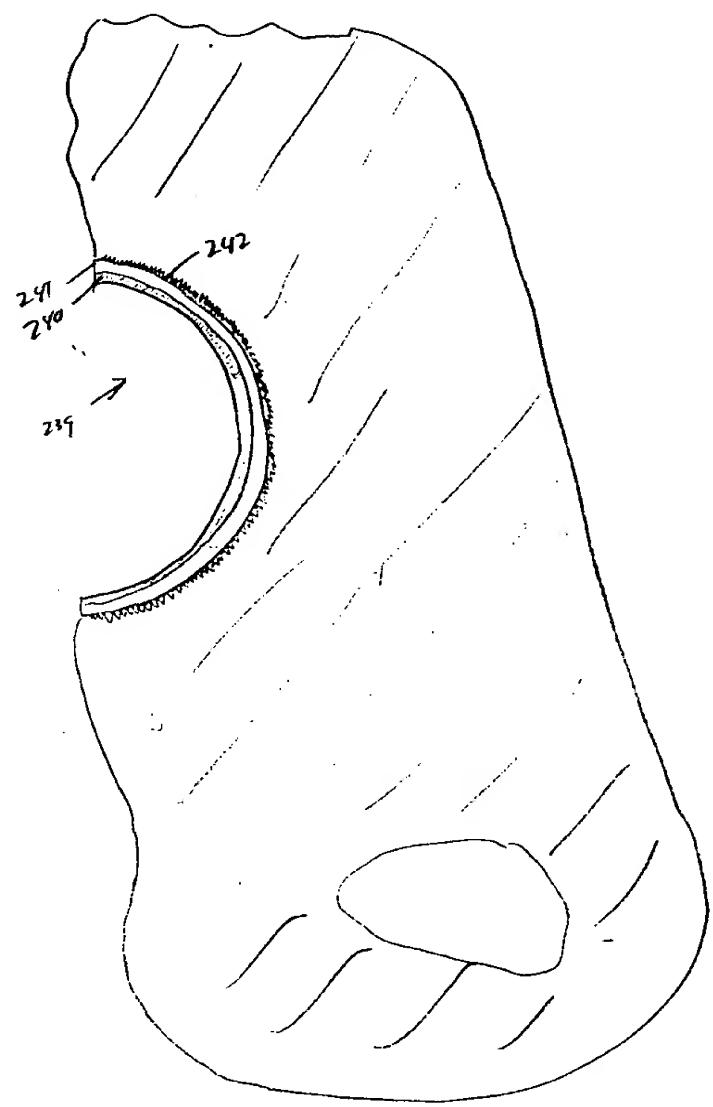


FIG. 21

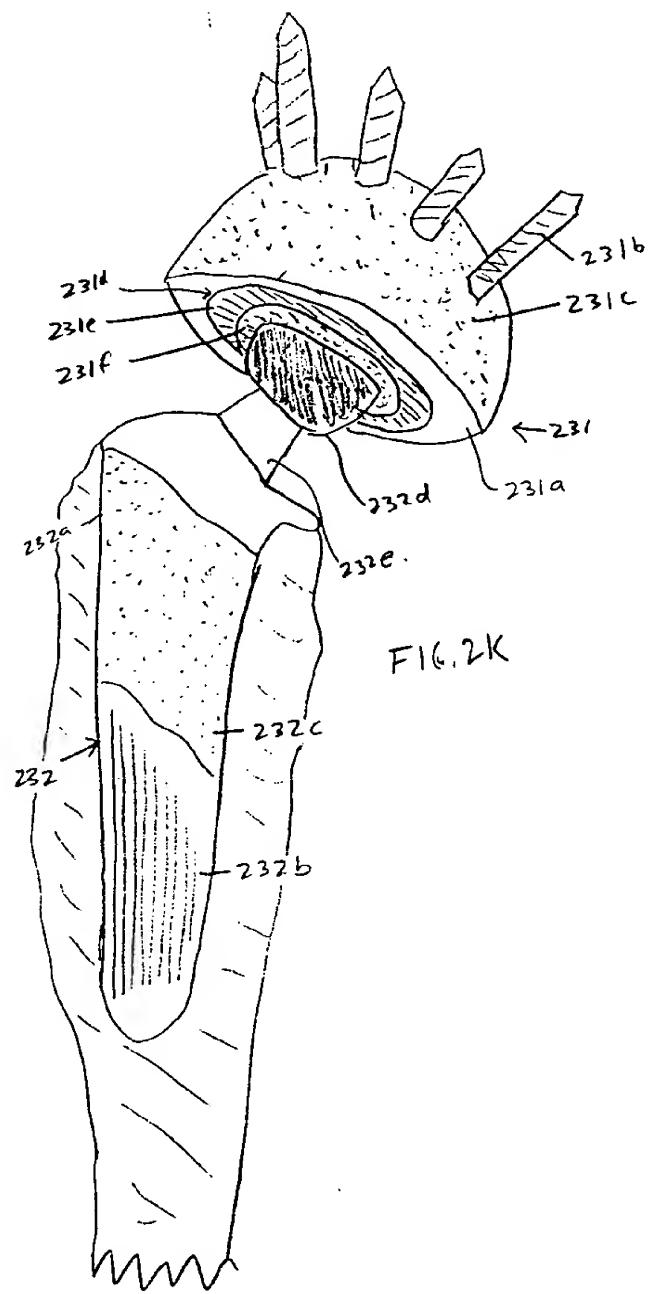


"Constrained" cup
(read: ring-to-cup fastener)

(read: ring-to-cup fastener from cup when ring is fixed)



2009-08-22-162526 2009-08-22-162526



094378 013006

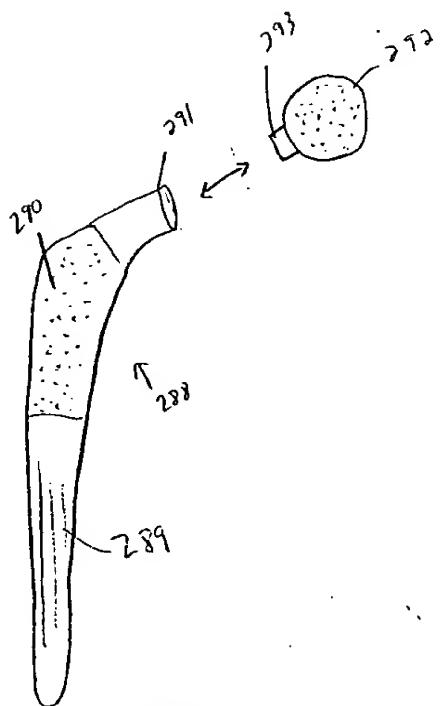


FIG. 2L

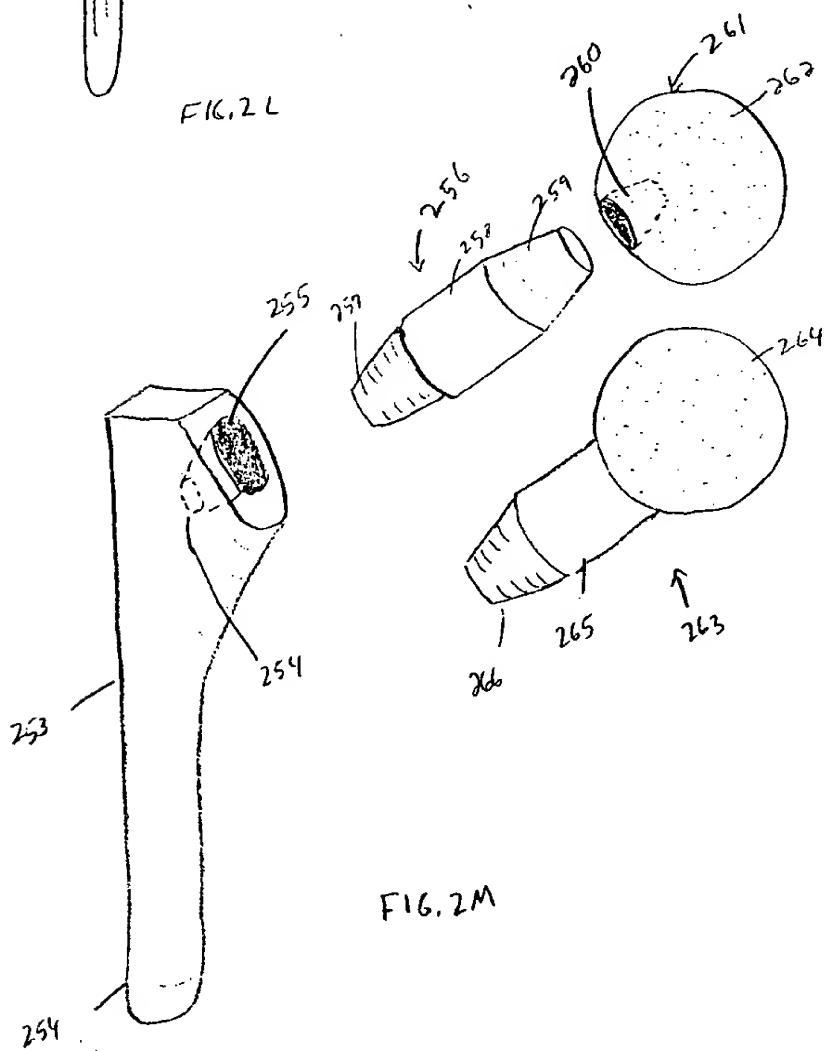


FIG. 2M

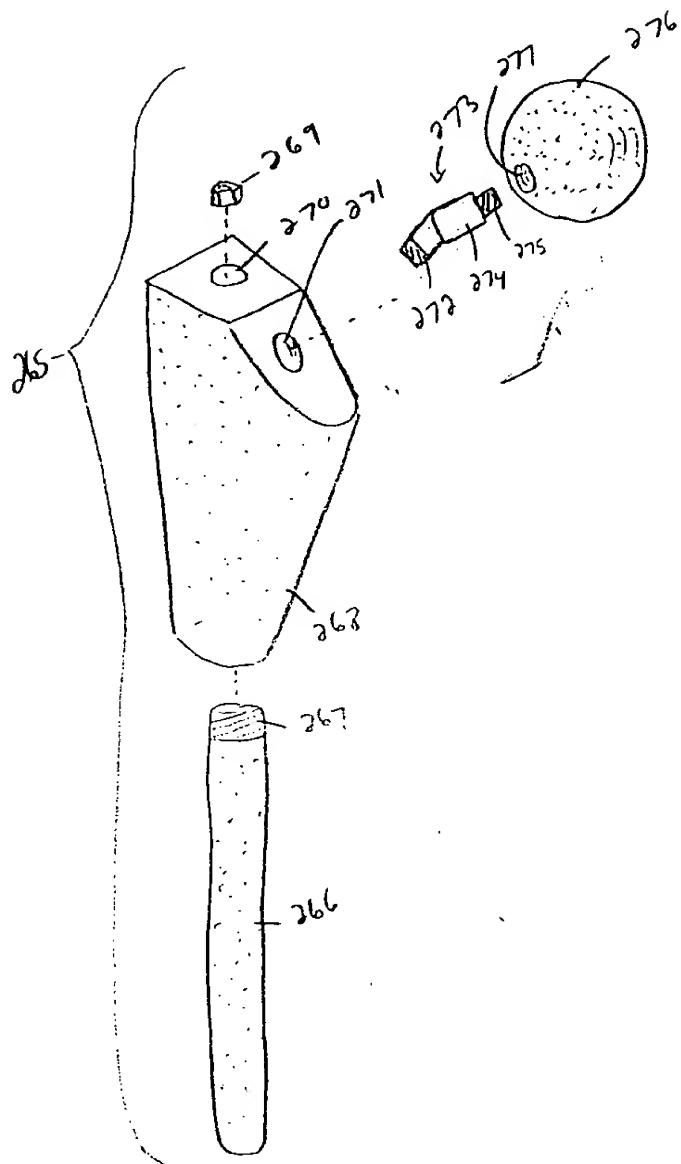
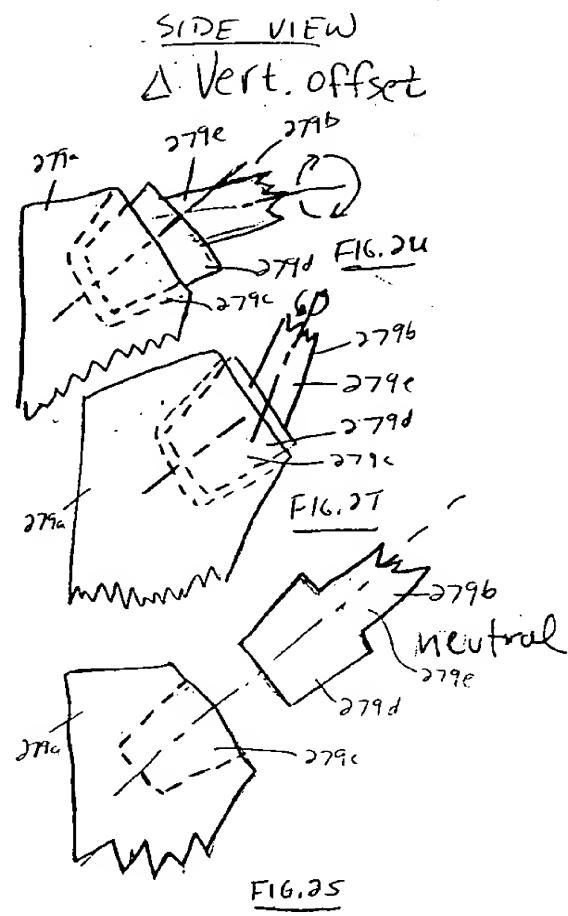
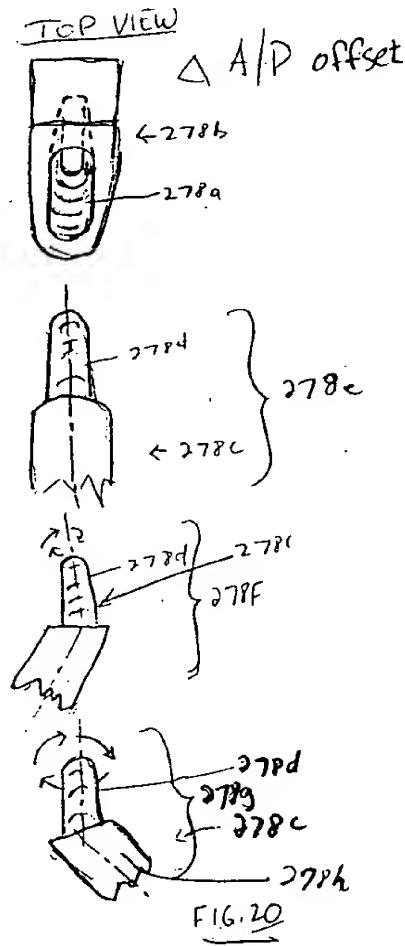


FIG. 2 N



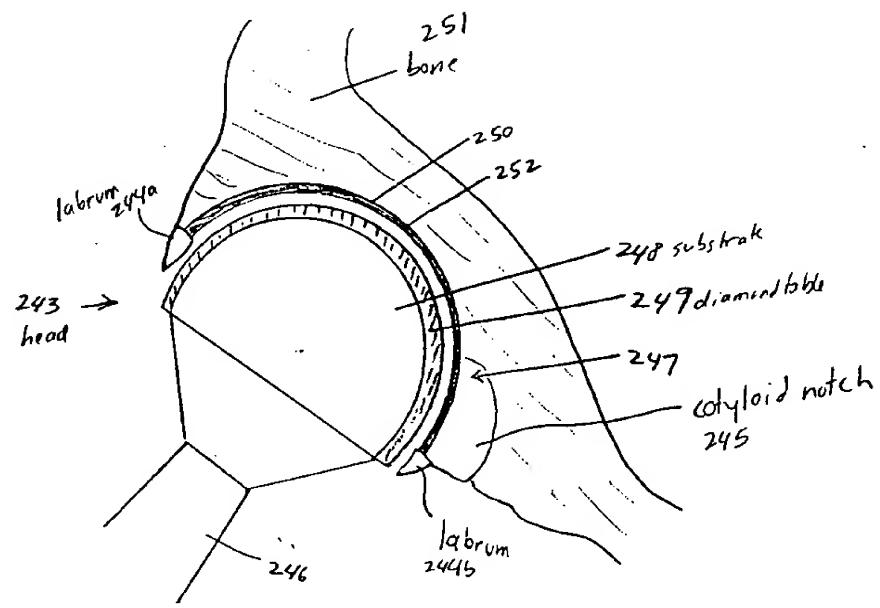


FIG. 29

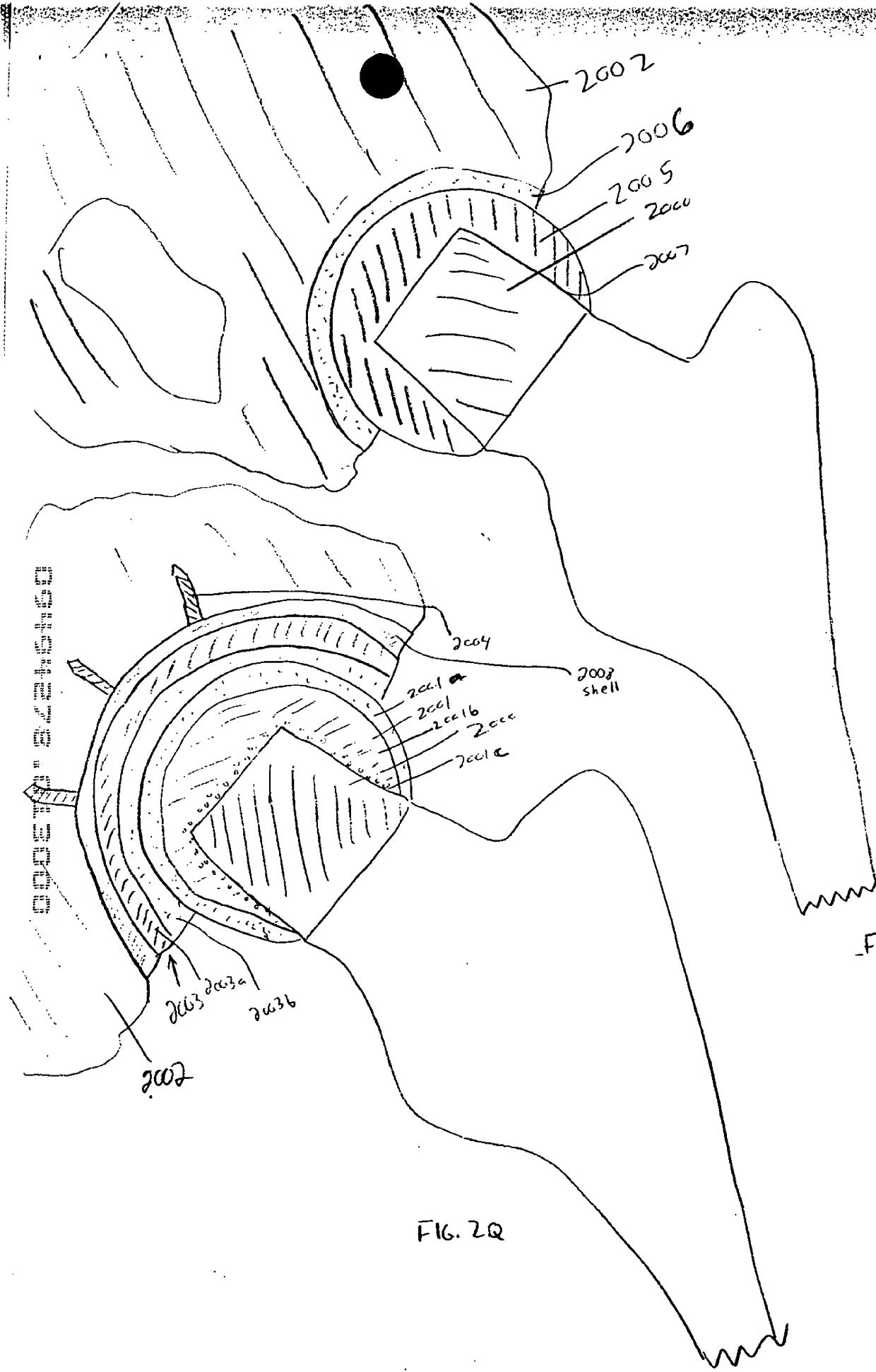
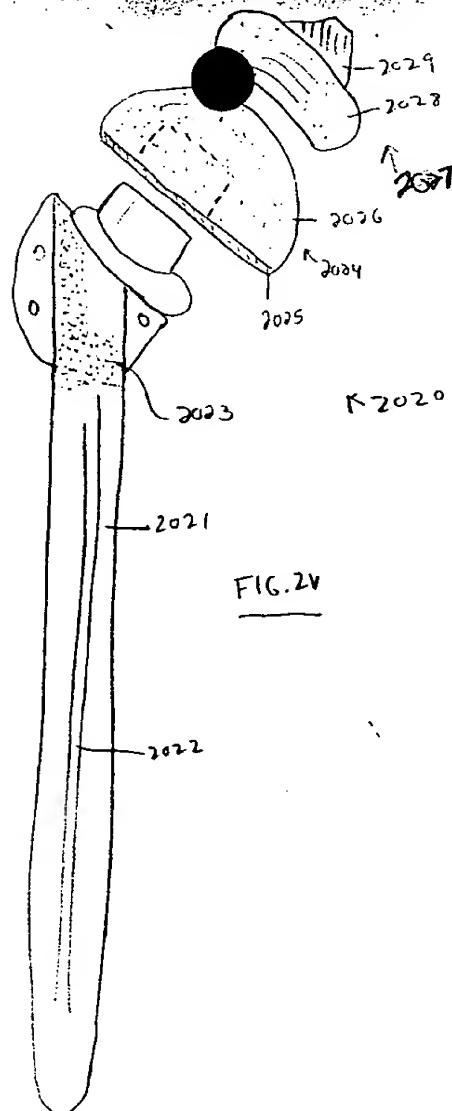


FIG. 2Q

FIG. 2.R



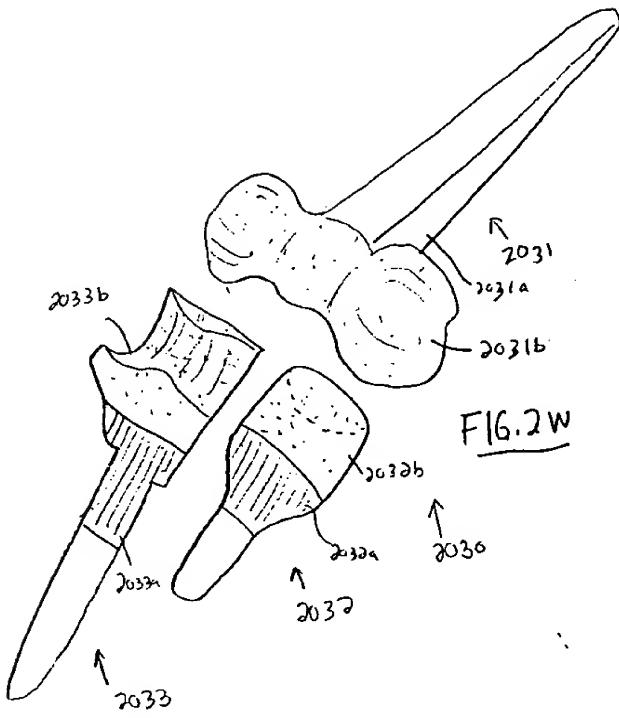


FIG. 2W

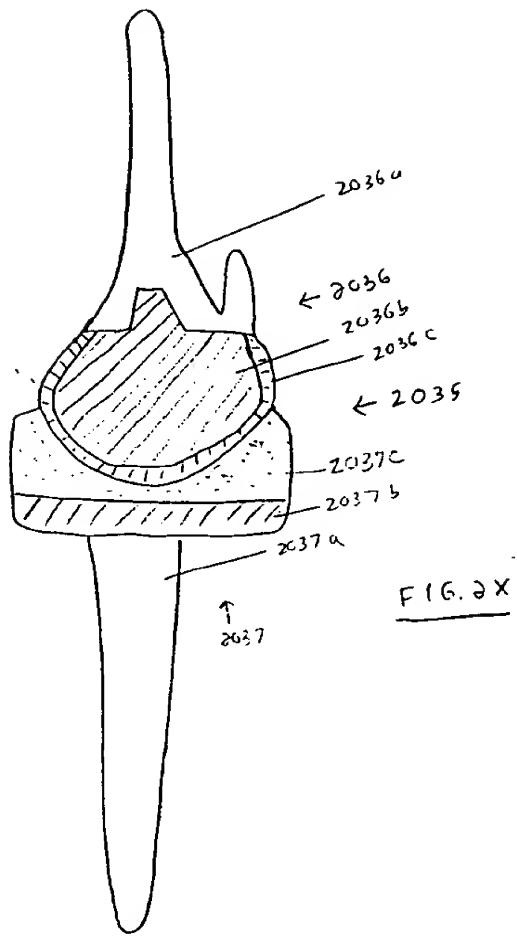


FIG. 2Y

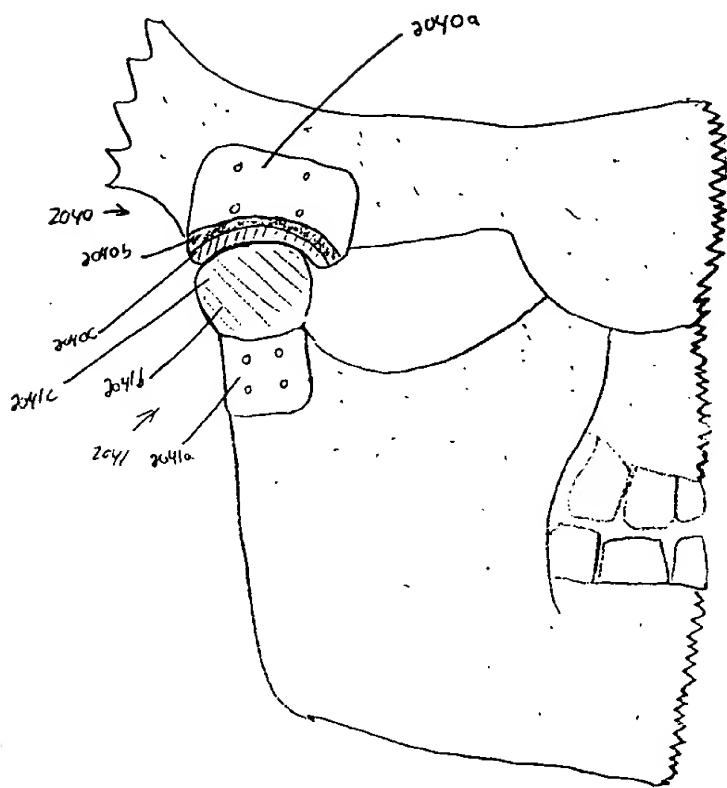
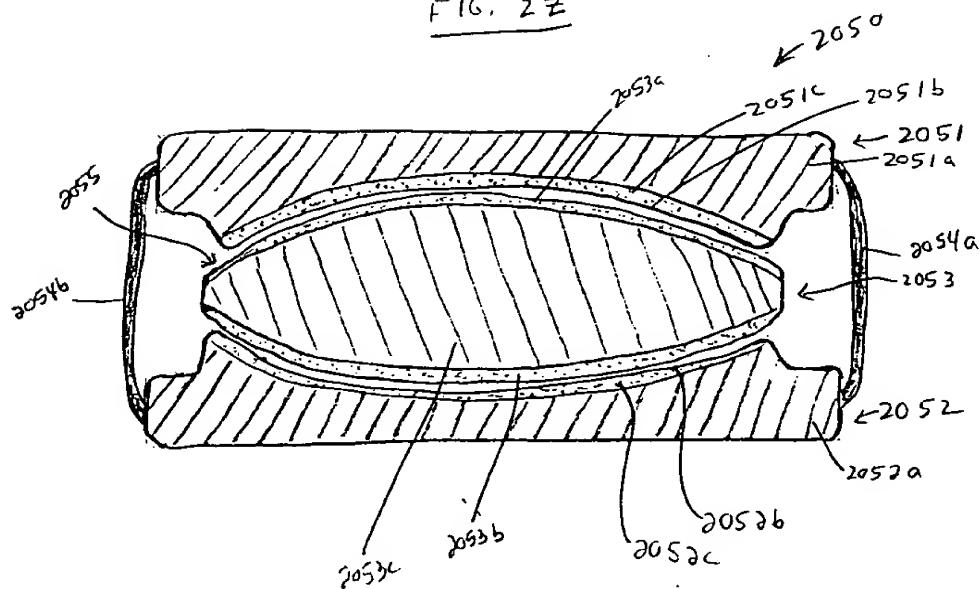
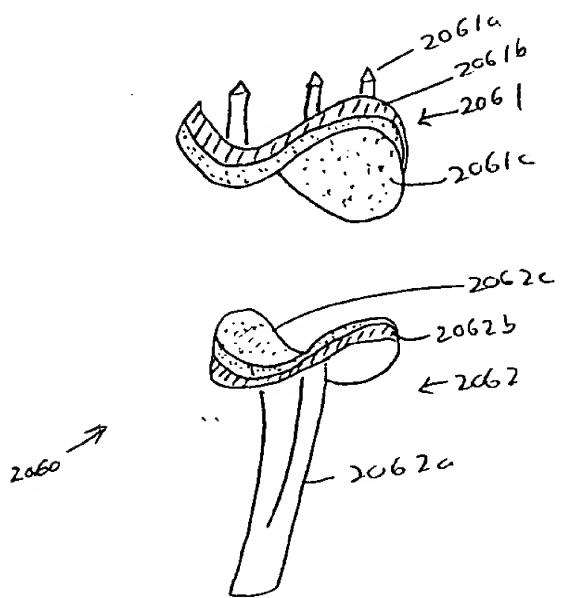


FIG. 2Z

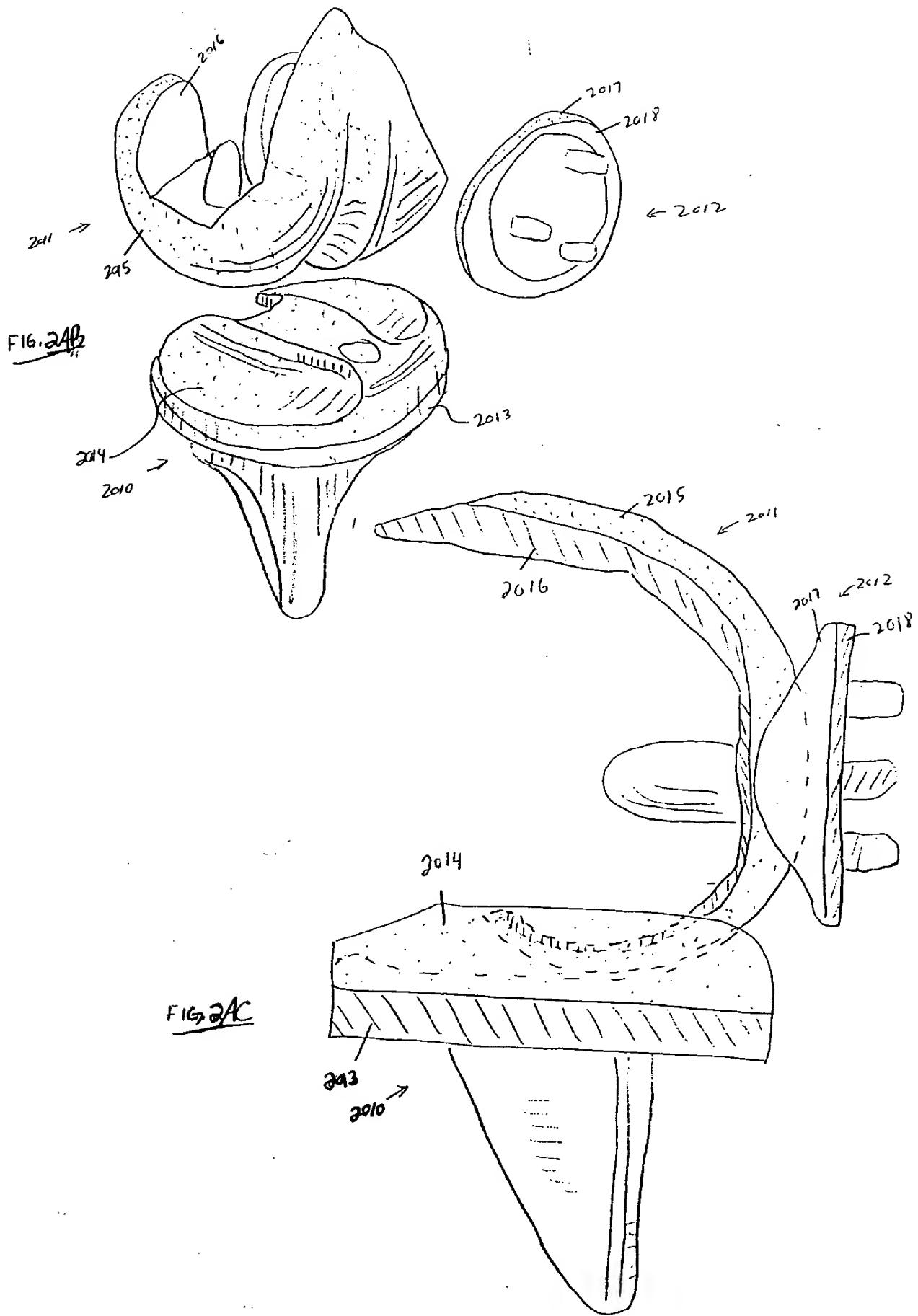


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FIG. 2AA



2010 2011 2012 2013 2014 2015 2016 2017 2018



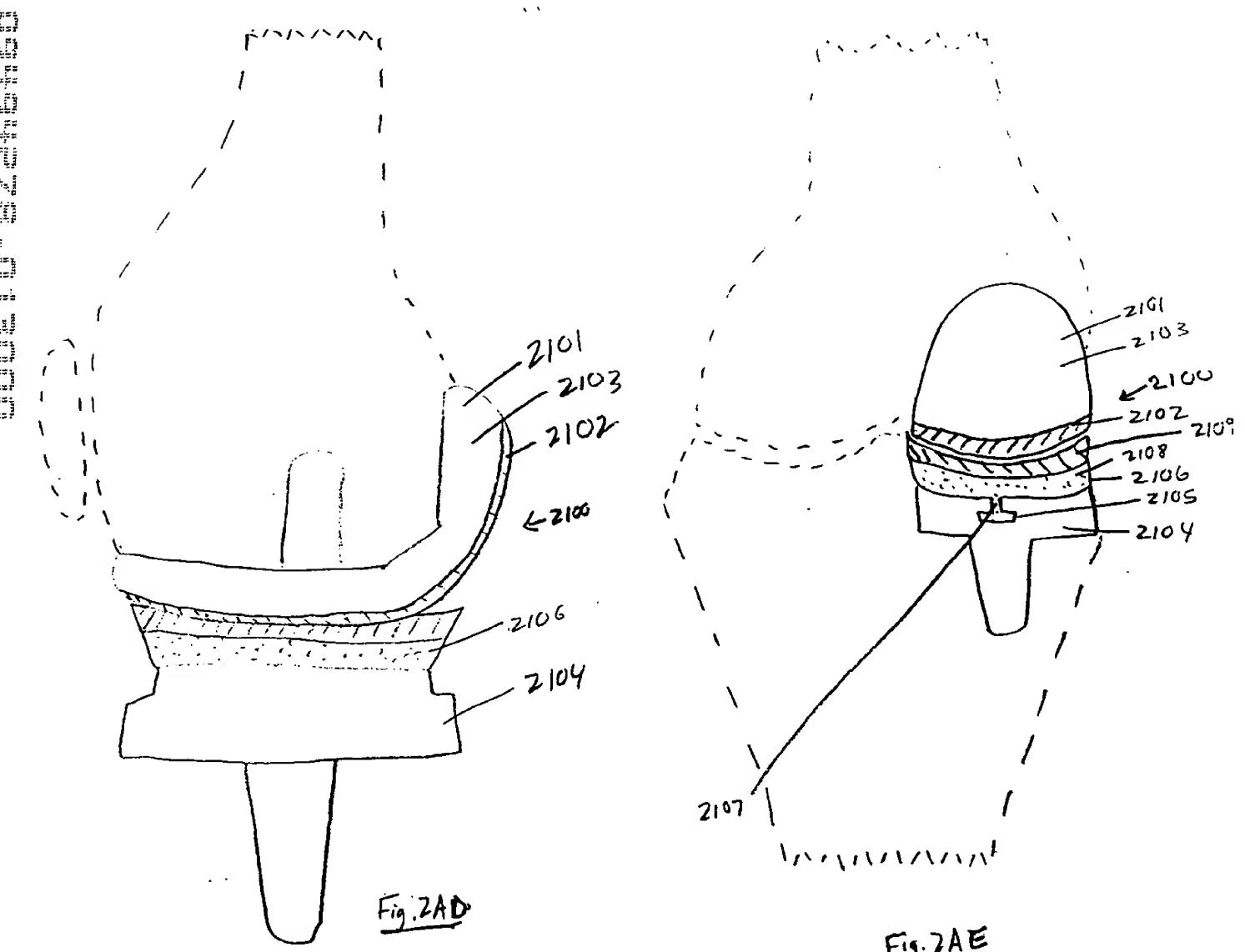


Fig. 2AD



034532 034233 034233

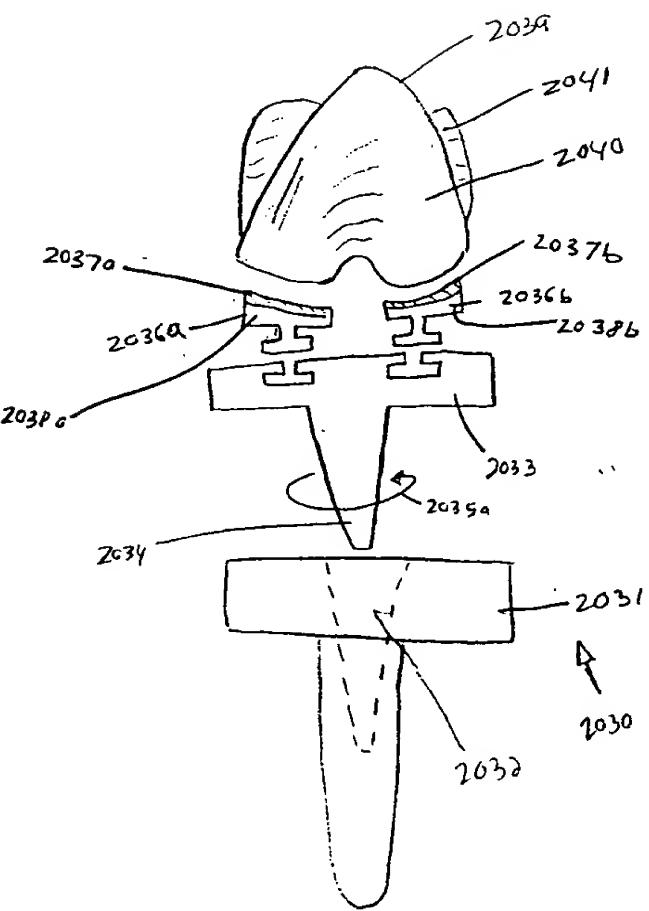


Fig. 2AF

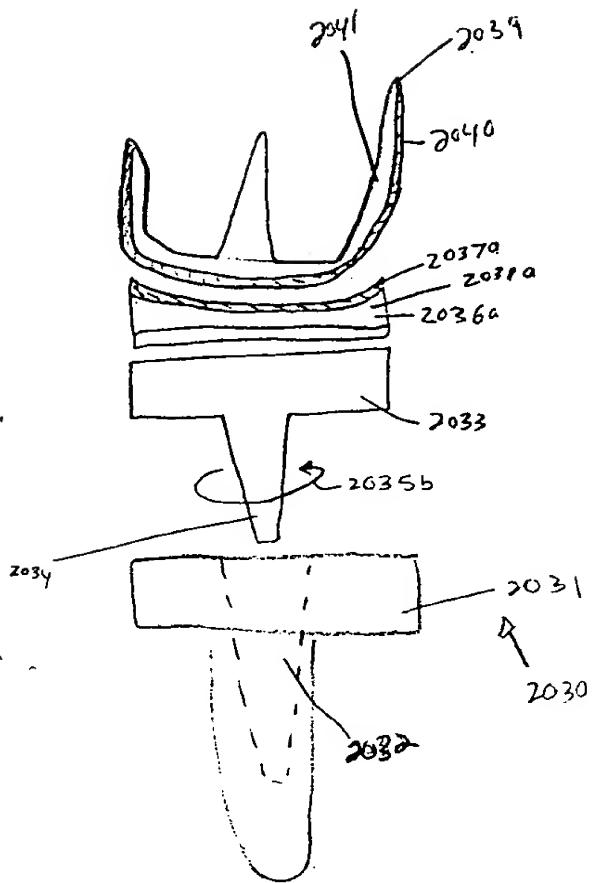


Fig. 2AG

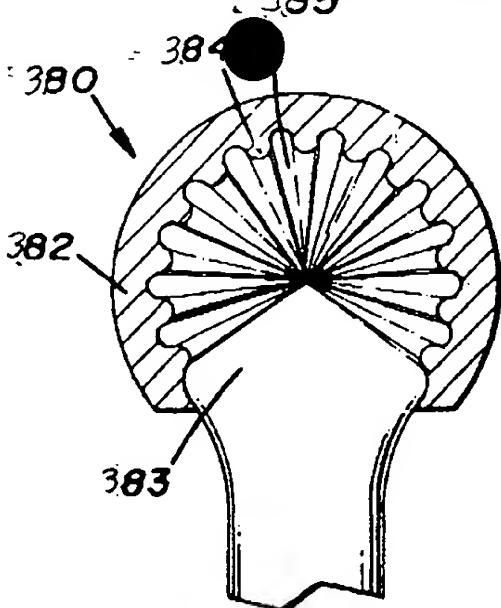


FIG. 3A

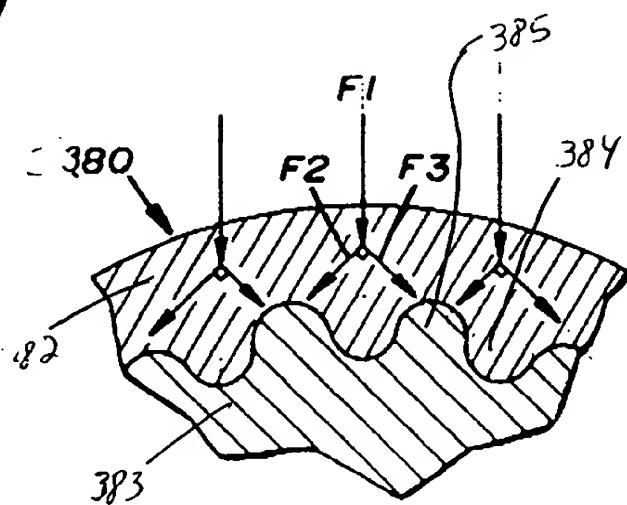
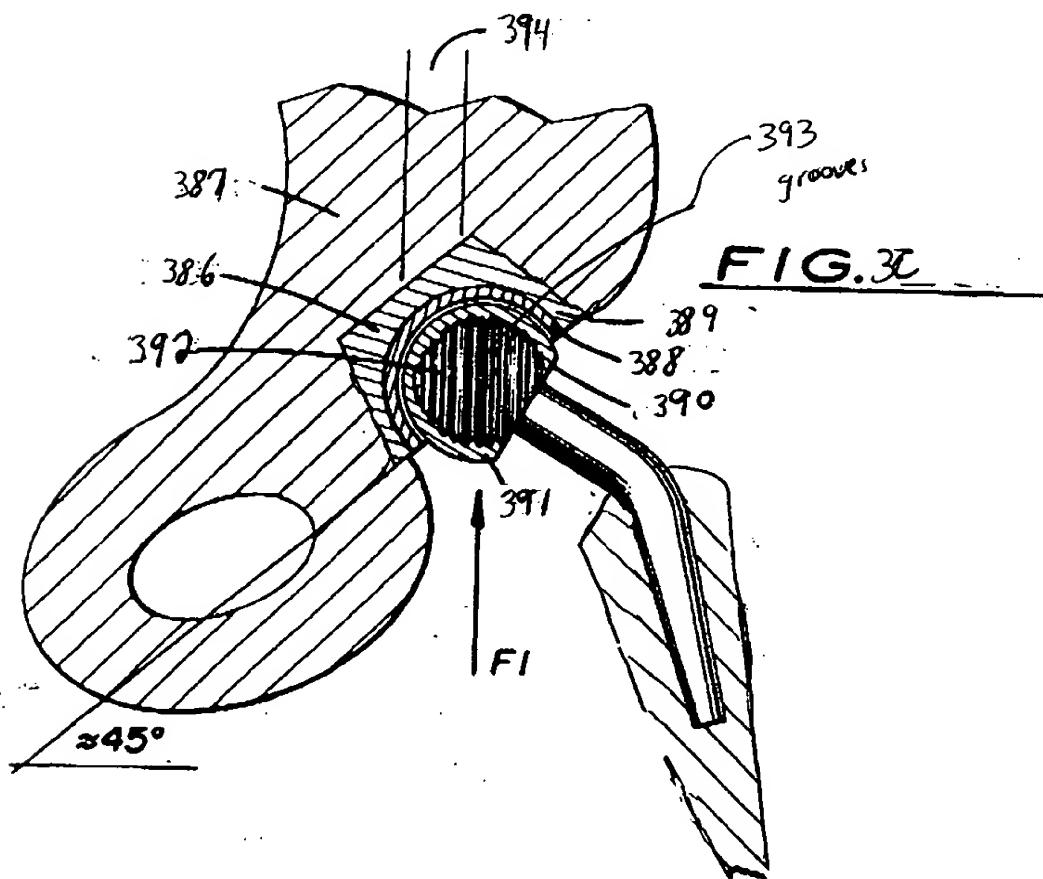


FIG. 3B



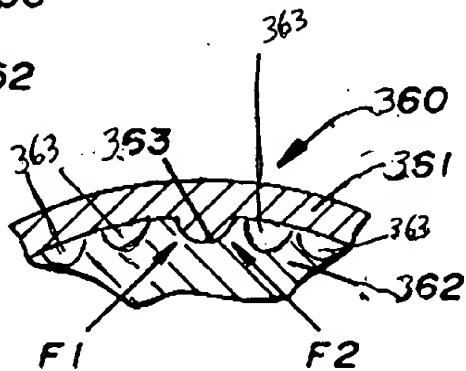
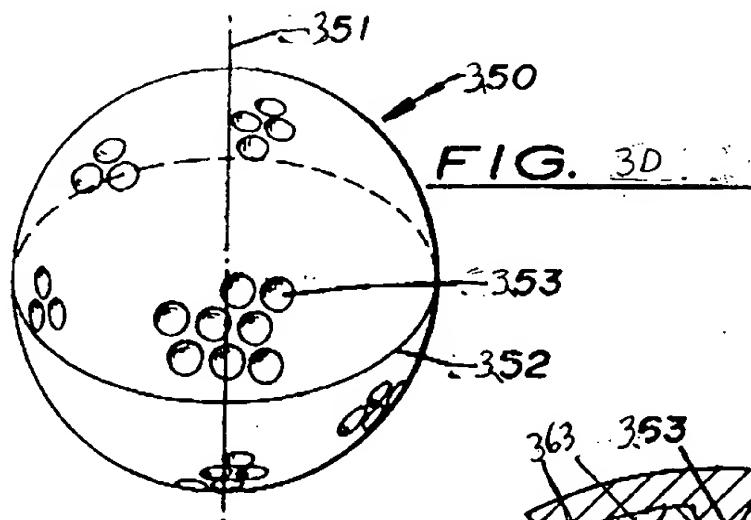


FIG. 3E

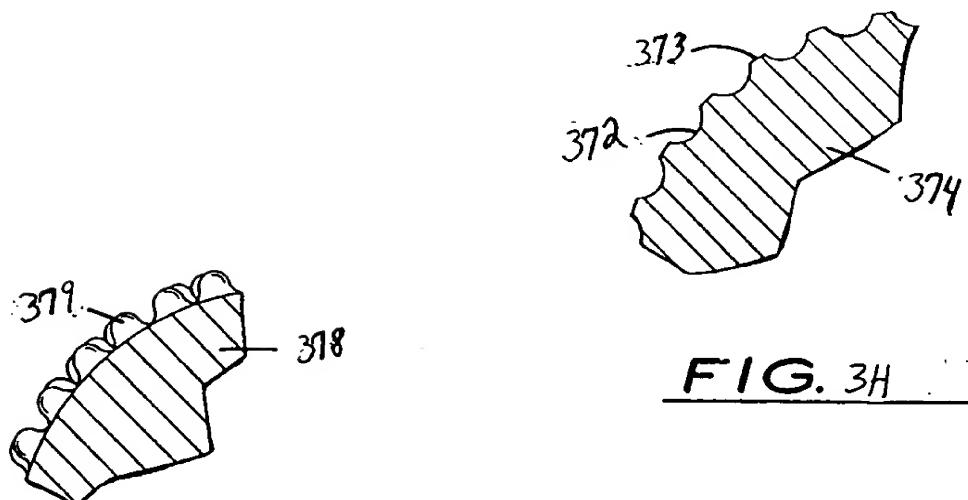


FIG. 3F

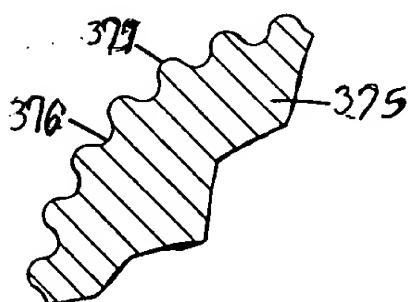
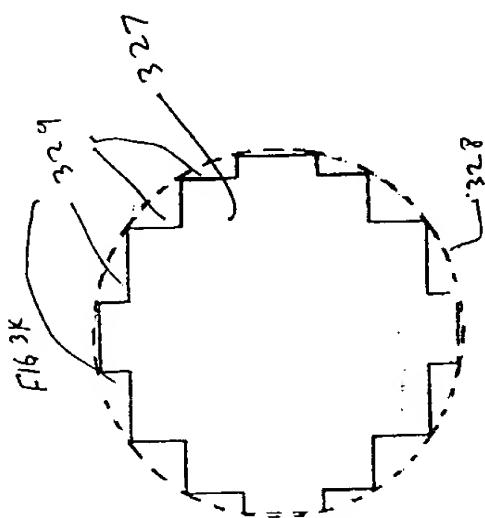
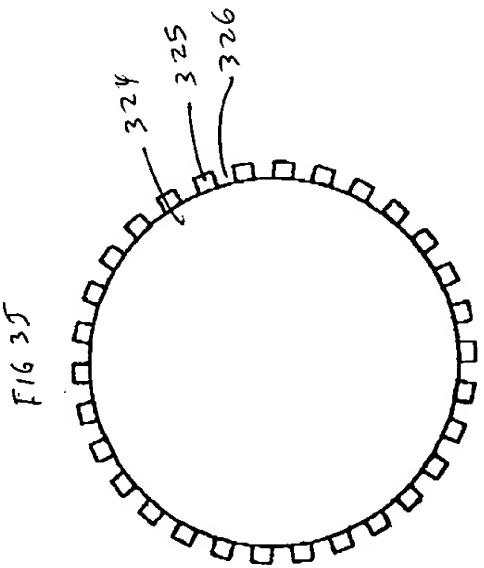
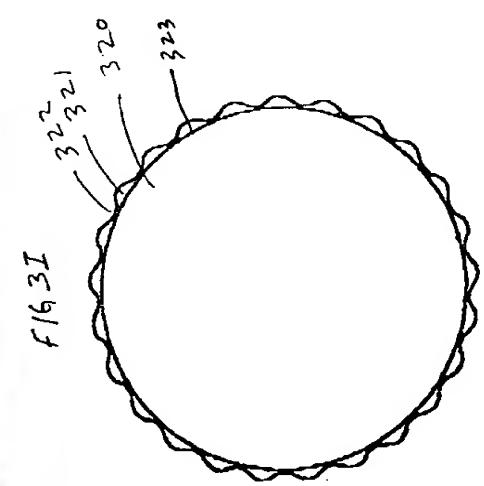
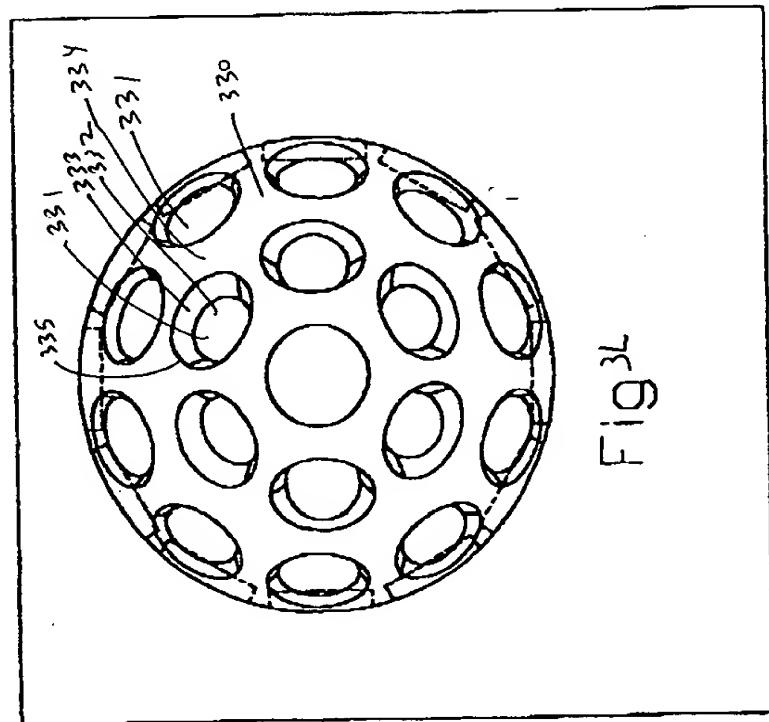
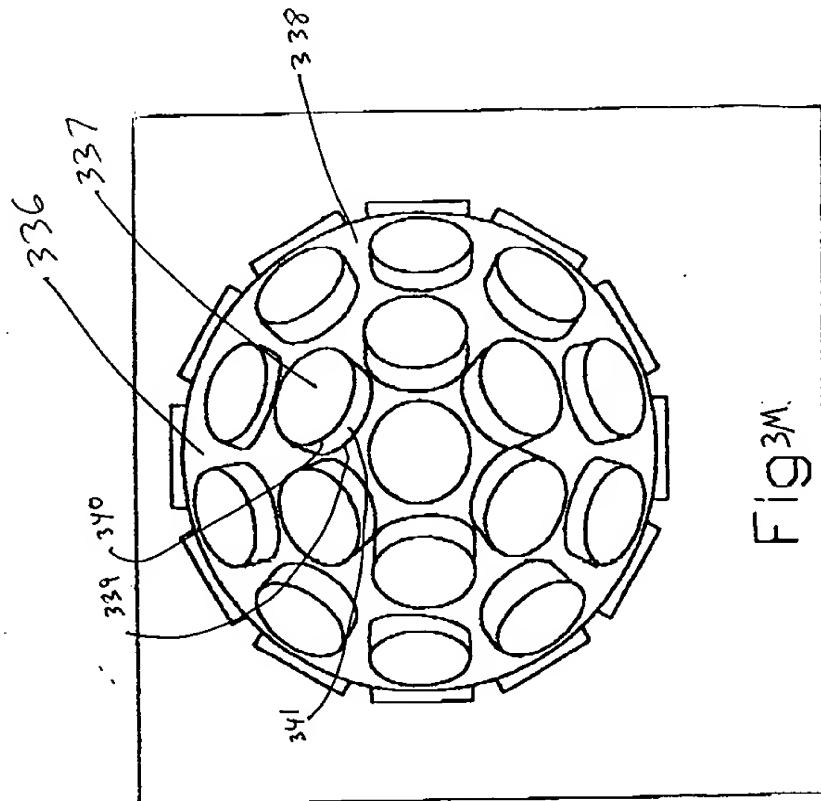


FIG. 3G





DEPARTMENT OF DEFENSE

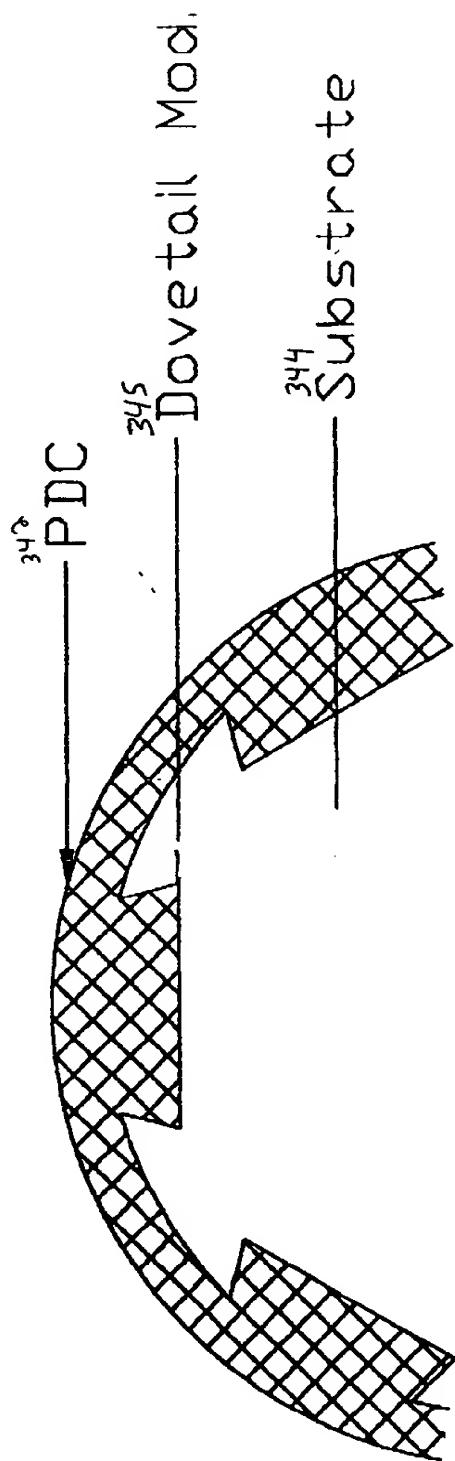
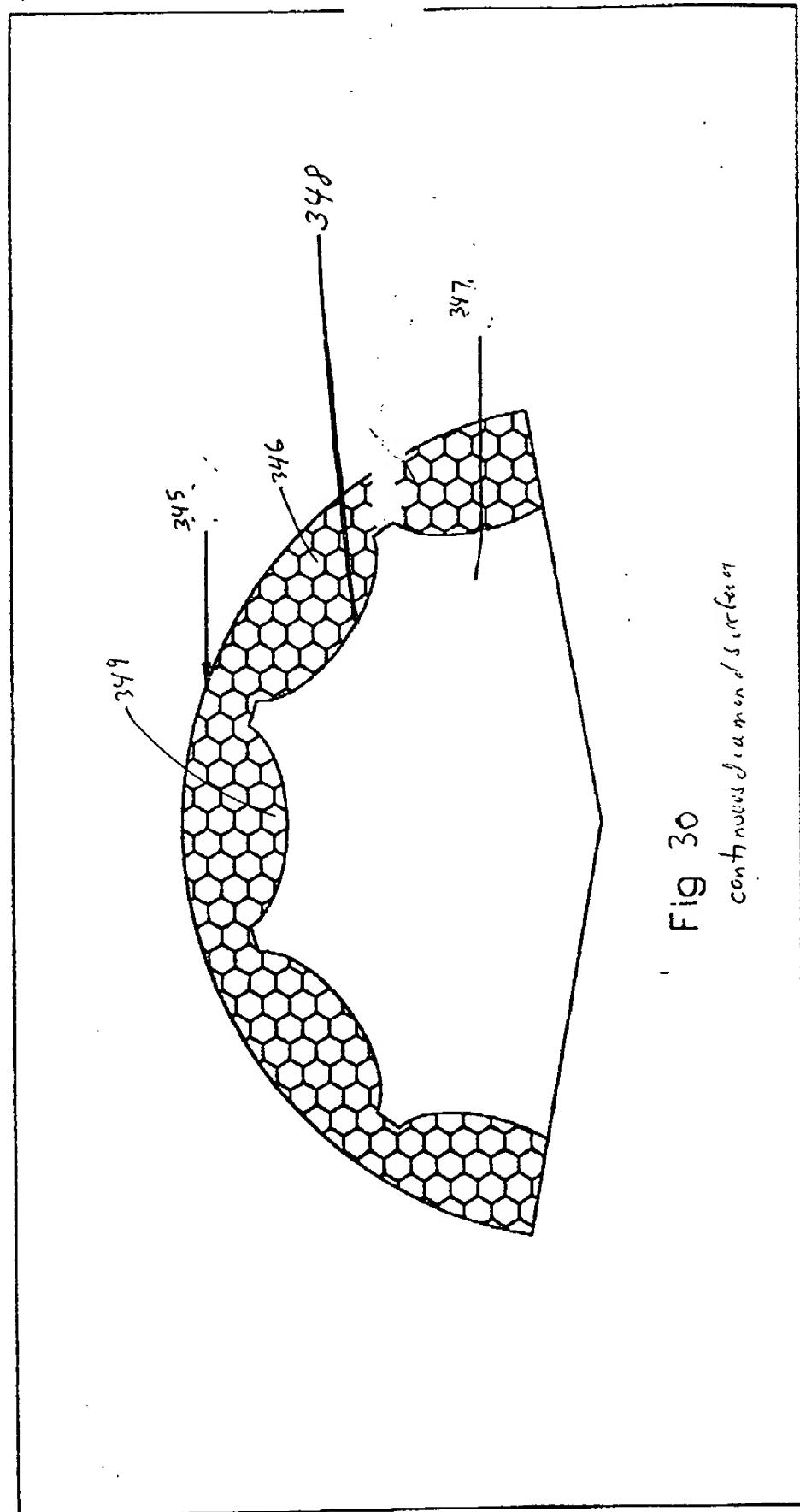
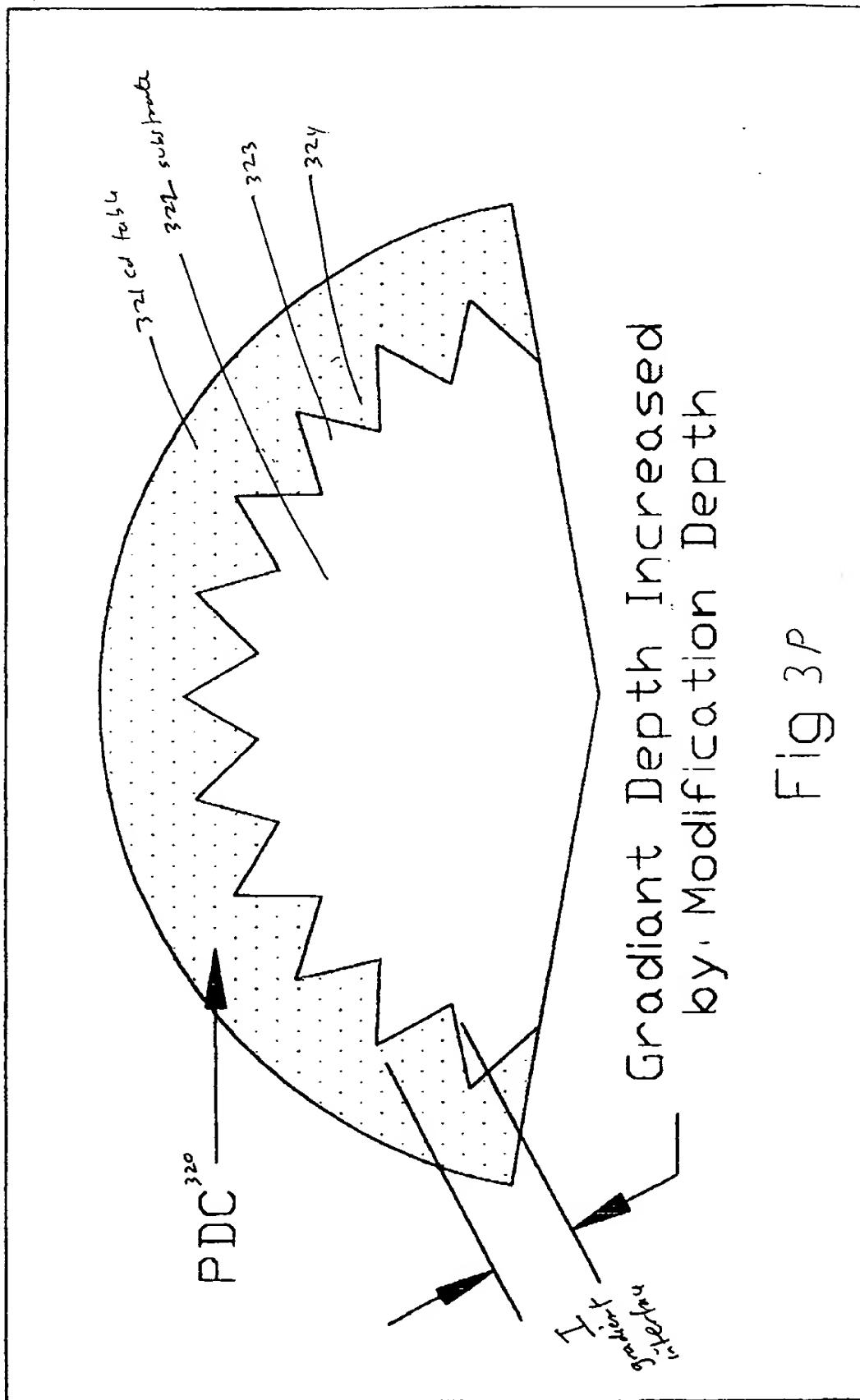


Fig 3N

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30





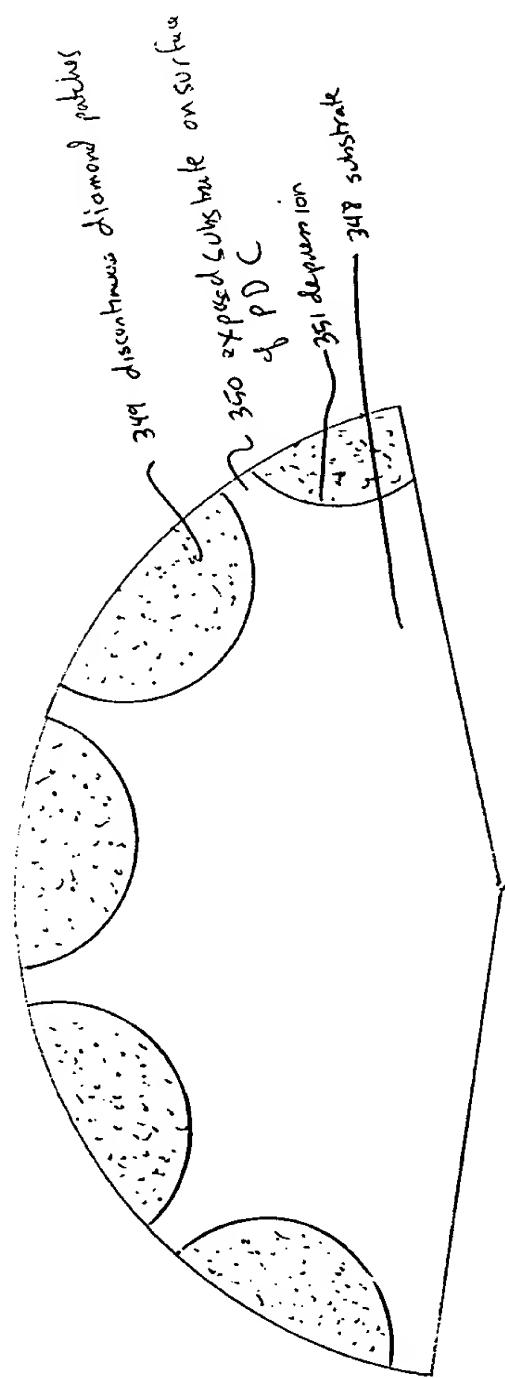


FIG. 3 a

Segmented diamond surface

FIG. 3R

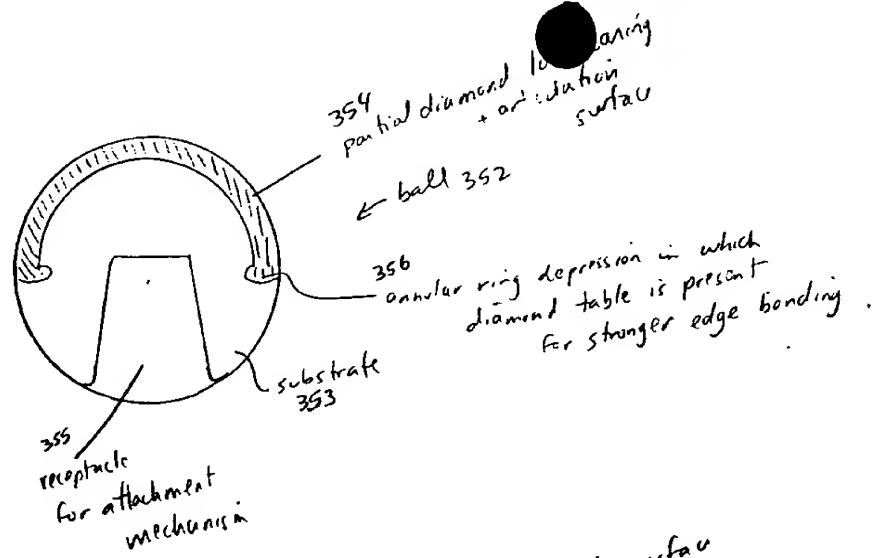


FIG. 3S

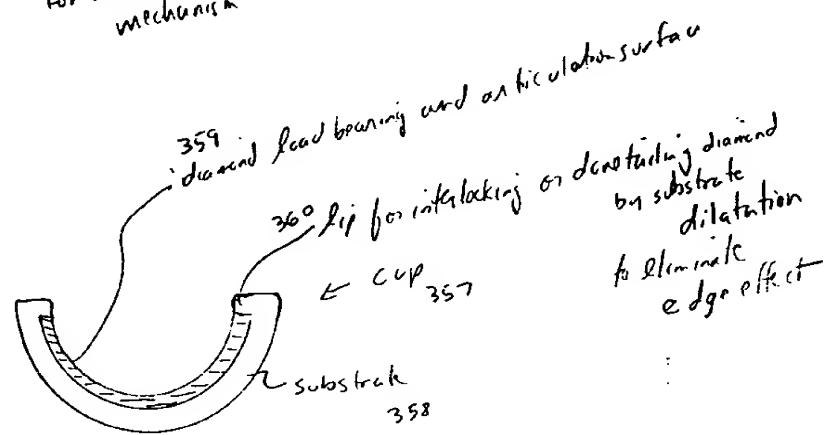


FIG. 311

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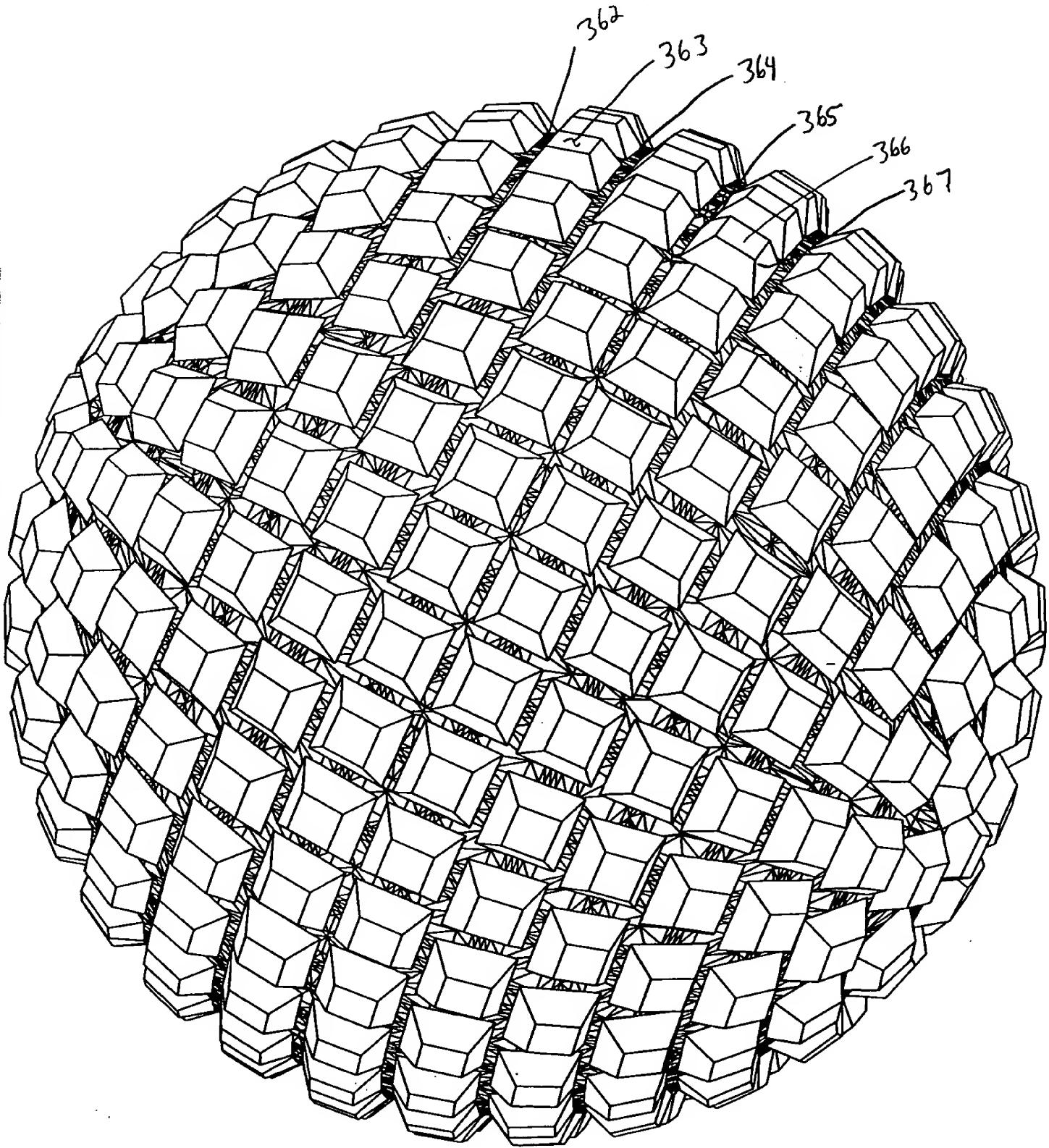
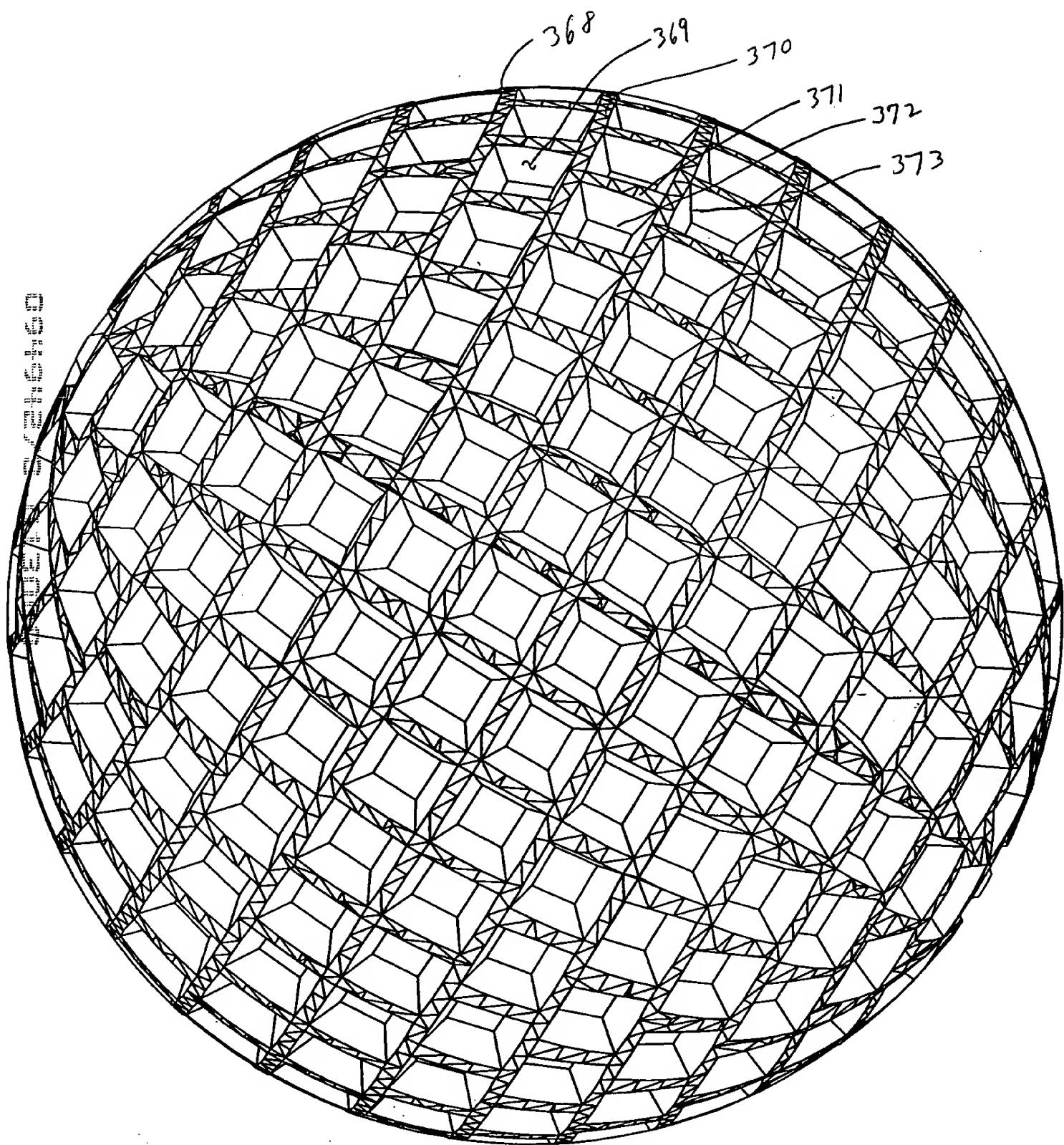


Fig. 34



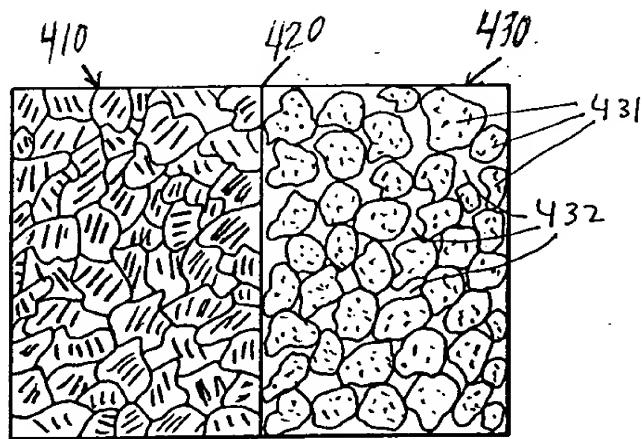


FIG. 4A

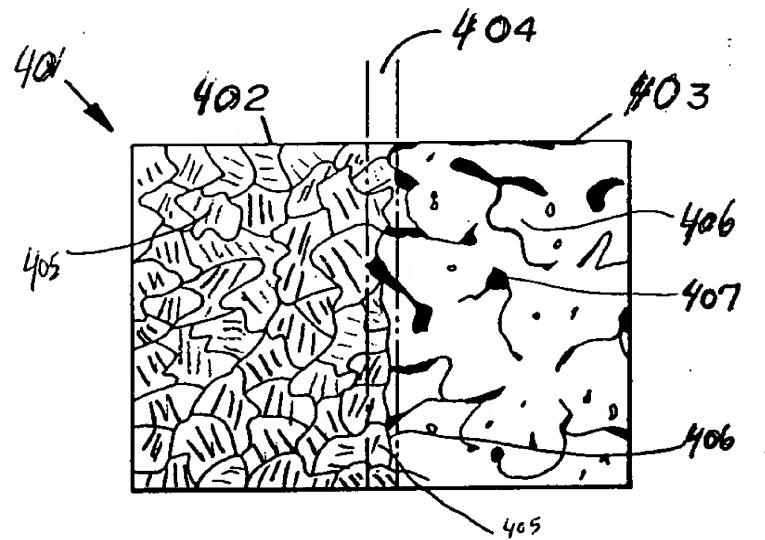


FIG. 4B



FIG. 4B3

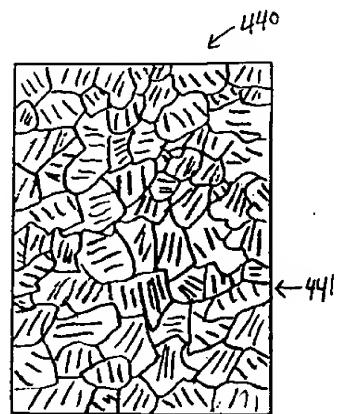


FIG. 4C

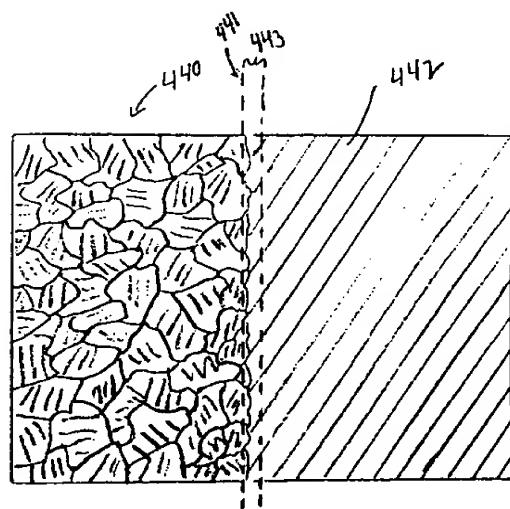


FIG. 4D

02434222 • 013000

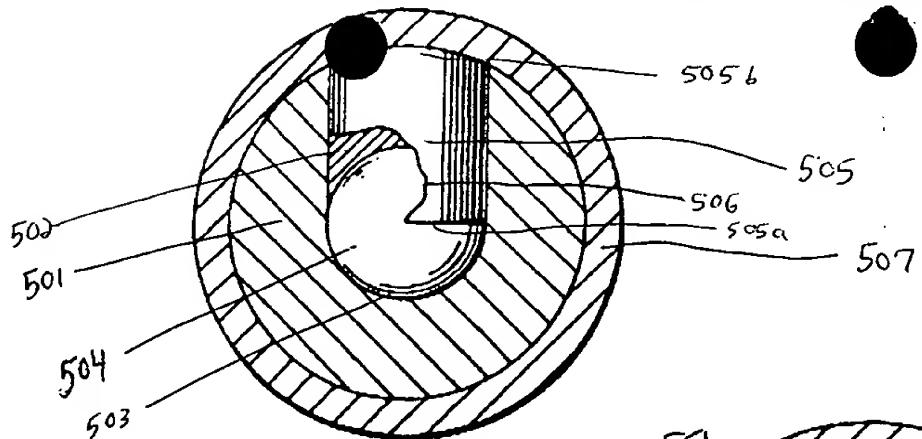


FIG. 5A

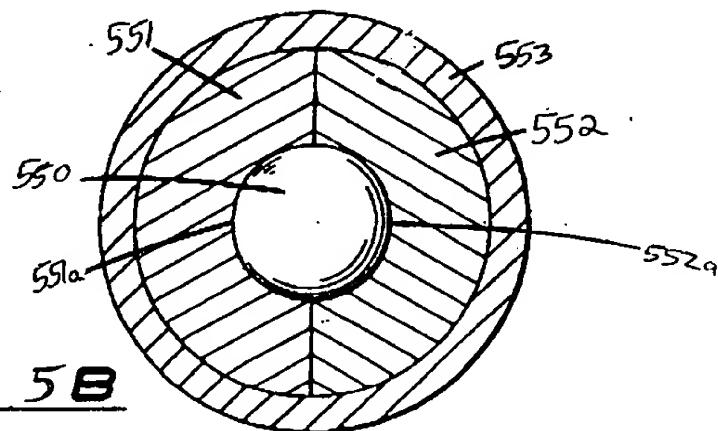


FIG. 5B

FIG. 5C

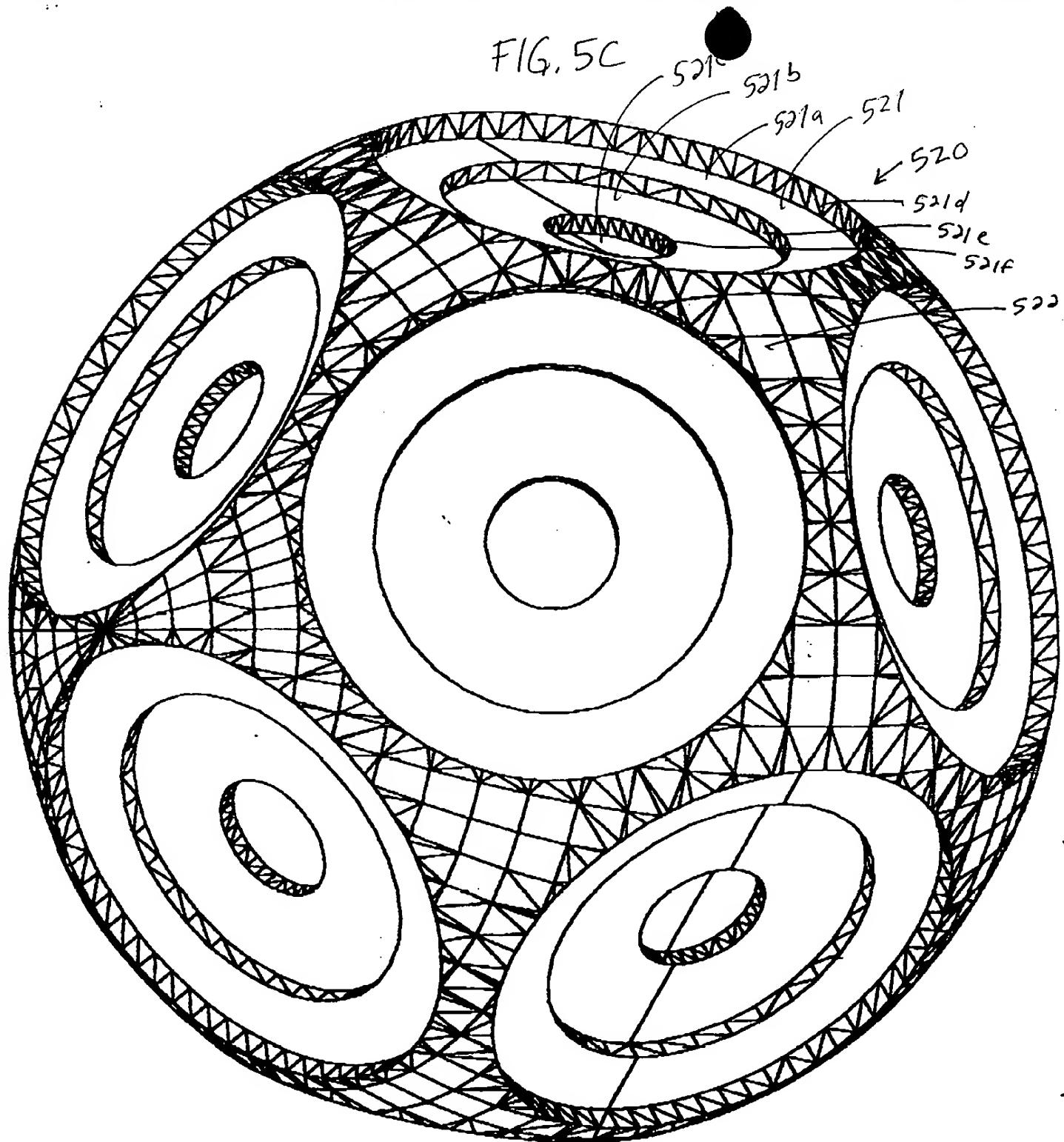
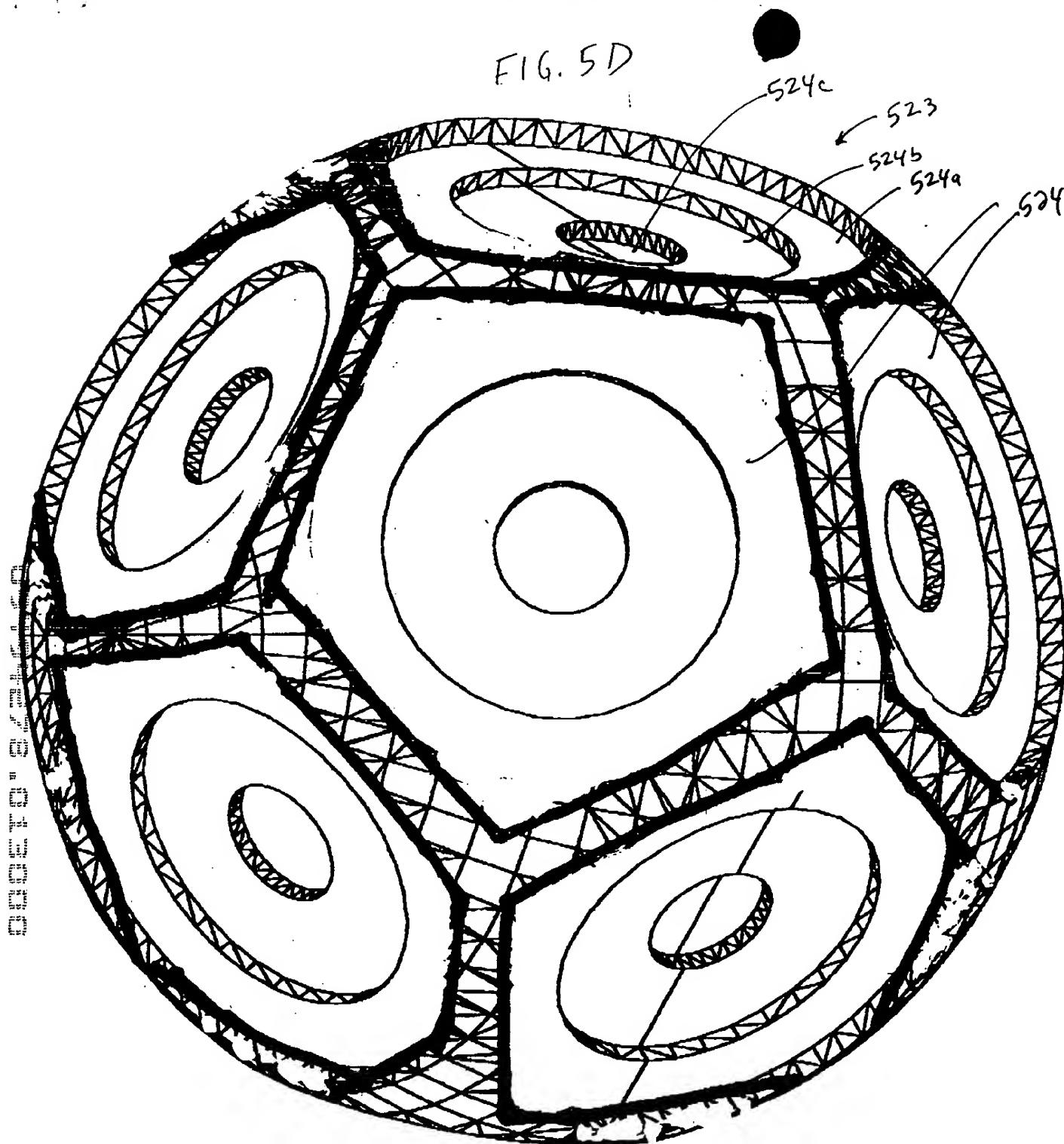
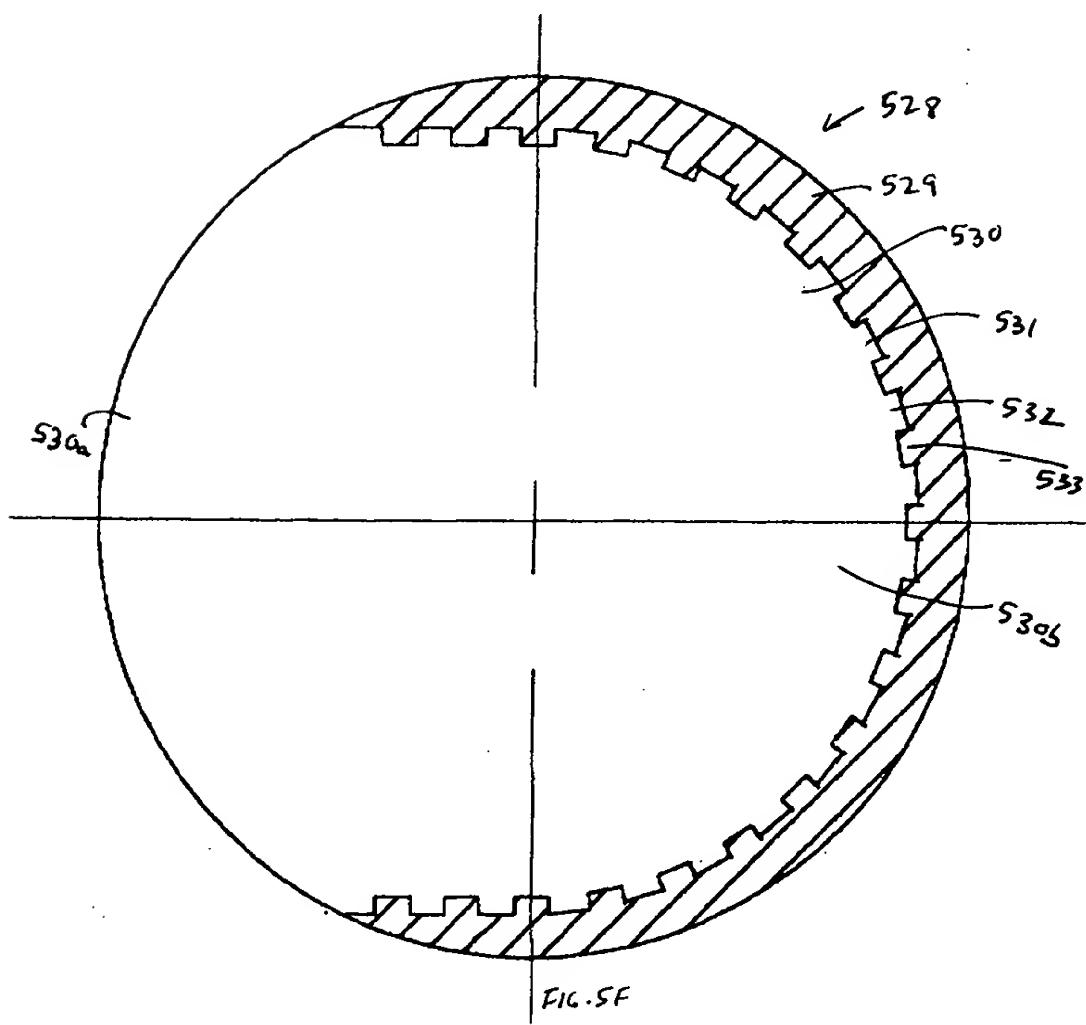
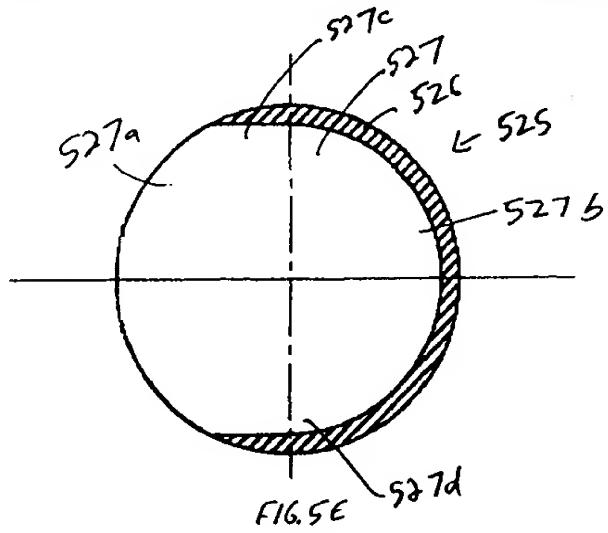


FIG. 5D





004342272 013000

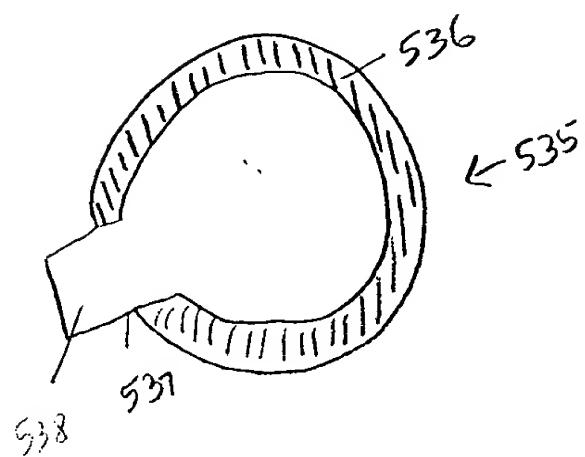


FIG. 5G

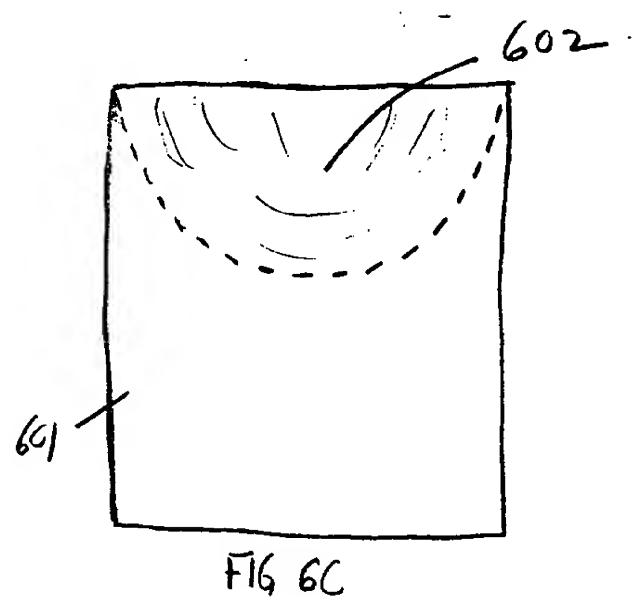
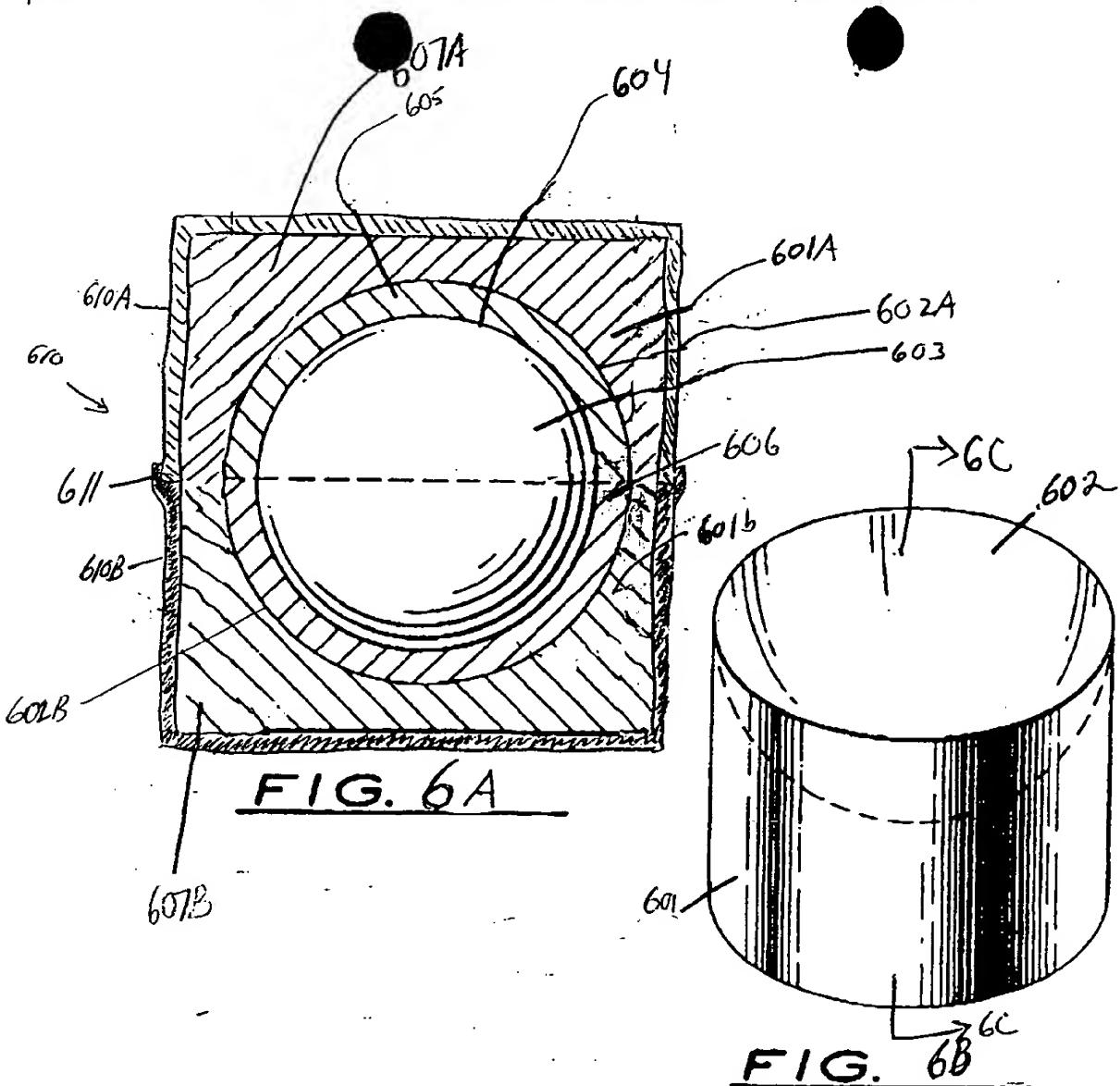


FIG. 7A

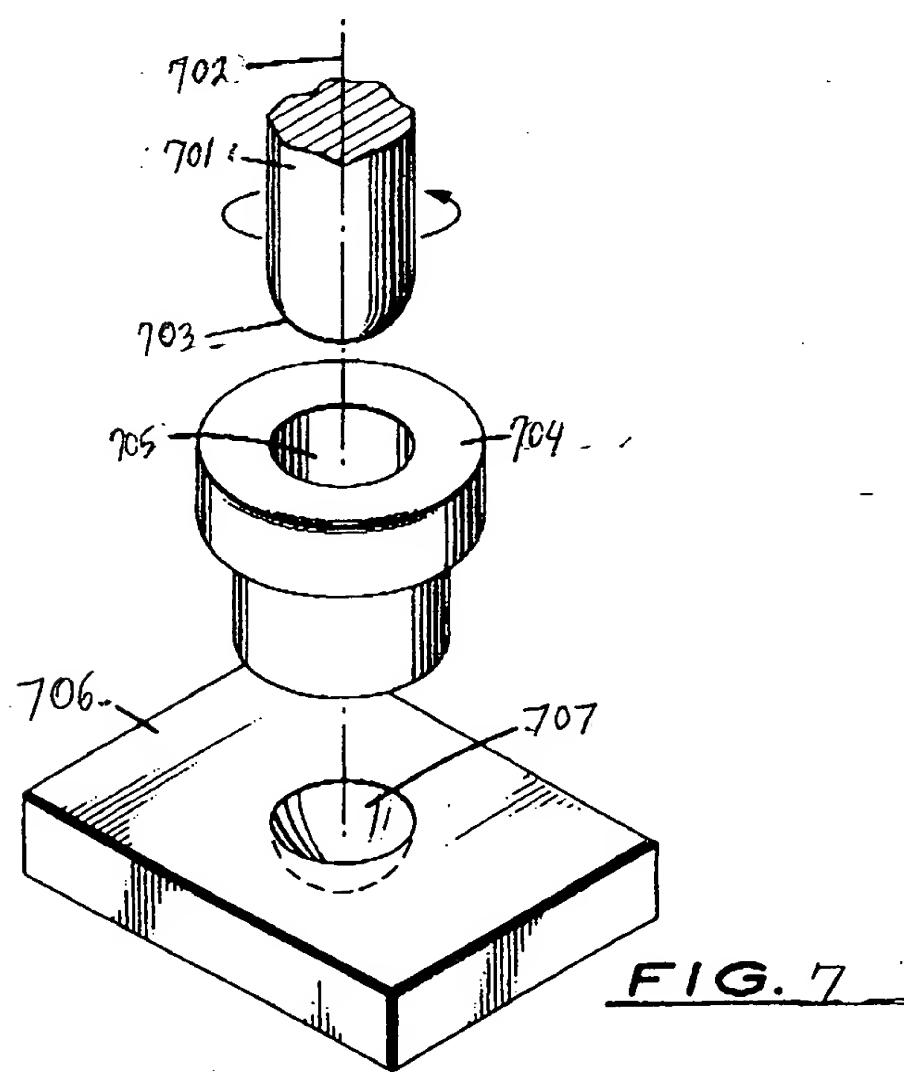
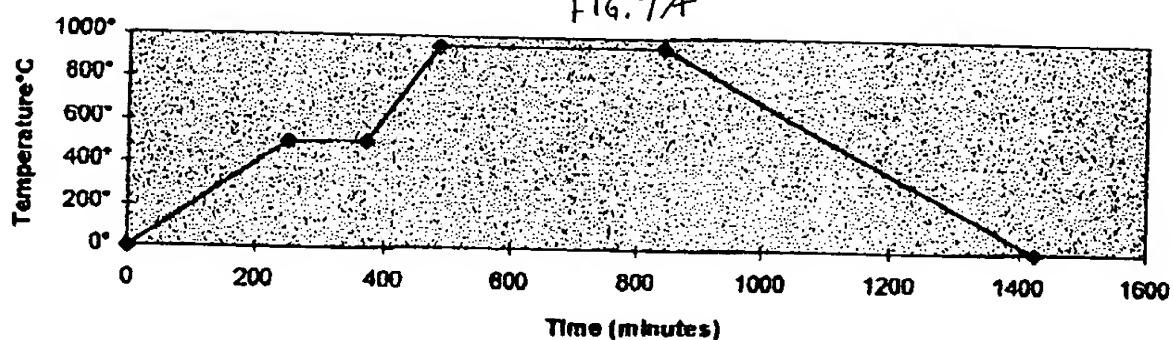


FIG. 7

FIG. 8

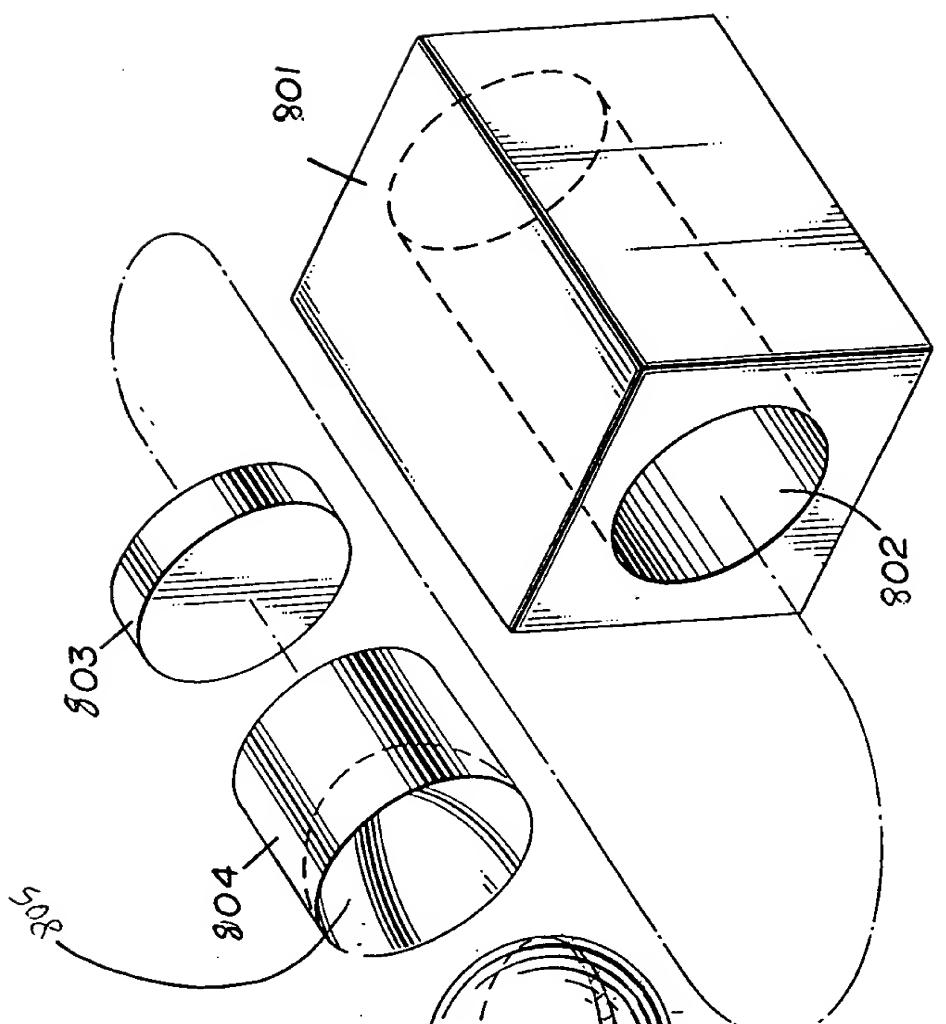


FIG. 8A

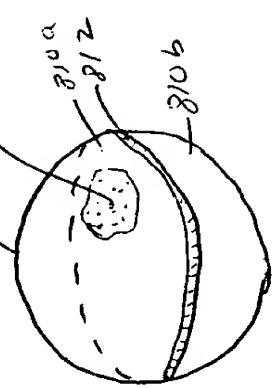
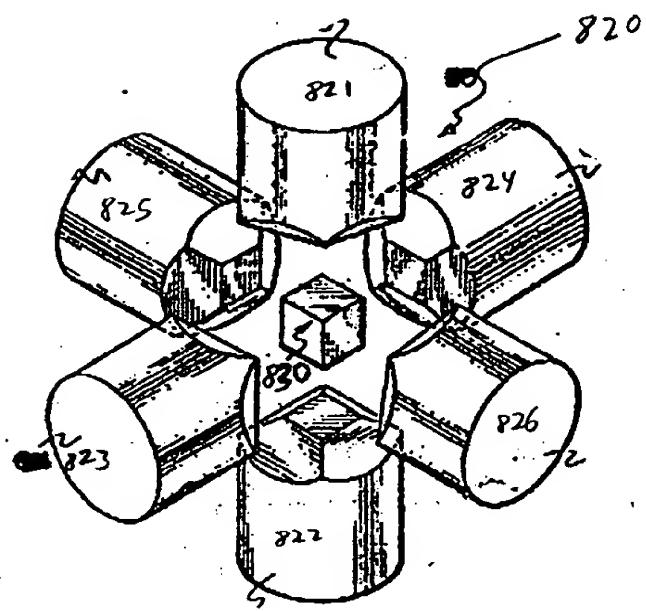


FIG. 8B



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FIG. 9

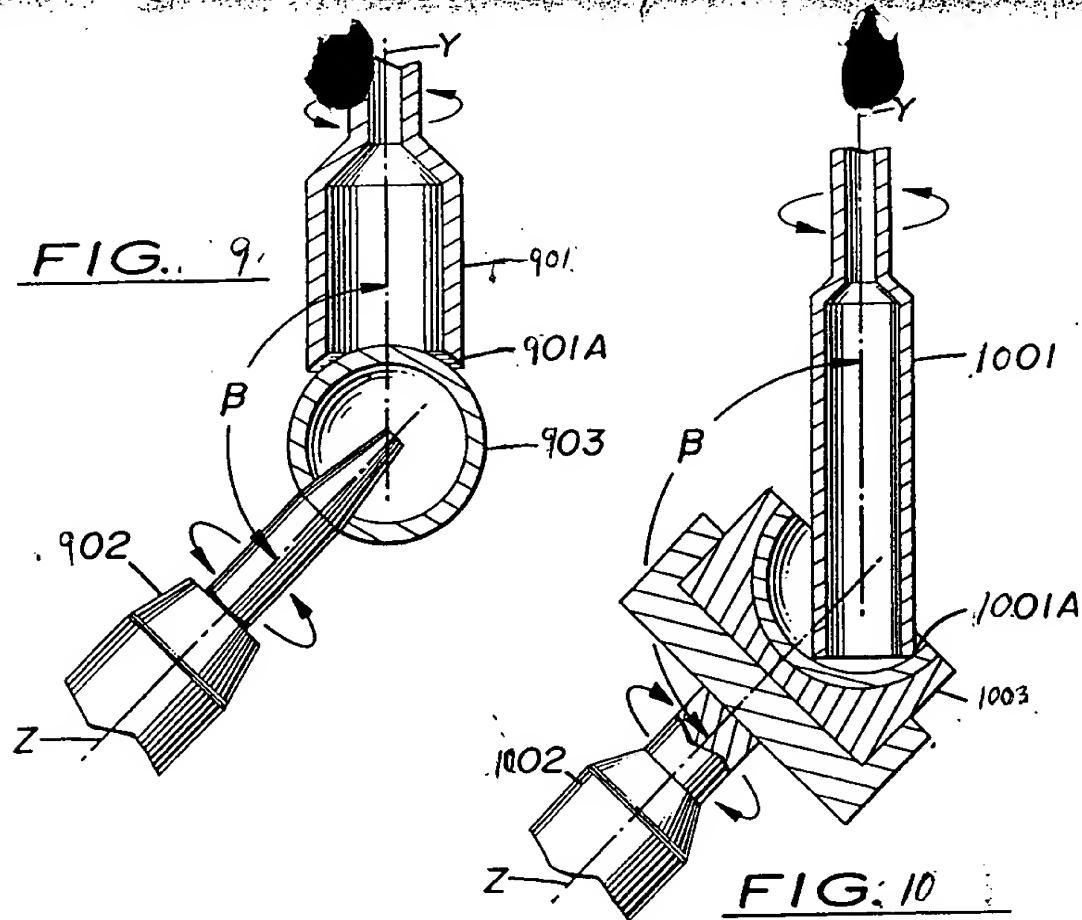


FIG. 11

